Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002551.D
Acq On : 26 Jun 2020 15:00
Operator : CG/JU
Sample : PB129799BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129799BS

Manual Integrations APPROVED
mohammad
6/29/2020 3:18:47 PM

Quant Time: Jun 26 17:43:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 192824 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.36 | 136 | 732735 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.23 | 164 | 437645 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.99 | 188 | 890983 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.10 | 240 | 696620 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.29 | 264 | 646864 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 899409 | 86.31 | ng | 0.00 |
| 7) Phenol-d6 | 6.78 | 99 | 1134605 | 81.78 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.73 | 82 | 1106511 | 90.18 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.73 | 330 | 374315 | 89.33 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.85 | 172 | 2248127 | 86.37 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.58 | 244 | 2745346 | 109.20 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.16 | 88 | 151736 | 31.611 | ng | 99 |
| 3) Pyridine | 3.53 | 79 | 447687 | 34.315 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.45 | 42 | 227831 | 42.376 | ng | 98 |
| 6) Aniline | 6.92 | 93 | 602244 | 31.918 | ng | 99 |
| 8) 2-Chlorophenol | 7.15 | 128 | 510665 | 43.584 | ng | 100 |
| 9) Benzaldehyde | 6.73 | 77 | 224955 | 27.845 | ng | 99 |
| 10) Phenol | 6.80 | 94 | 646971 | 42.996 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.02 | 93 | 488940 | 38.919 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.48 | 146 | 544107 | 40.328 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.62 | 146 | 553535 | 40.778 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.93 | 146 | 530415 | 40.791 | ng | 98 |
| 15) Benzyl Alcohol | 7.82 | 79 | 438844 | 40.810 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 680630 | 38.183 | ng | 99 |
| 17) 2-Methylphenol | 8.03 | 107 | 430574 | 39.160 | ng | 98 |
| 18) Hexachloroethane | 8.65 | 117 | 204897 | 41.433 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.39 | 70 | 370153 | 39.915 | ng | 100 |
| 20) 3+4-Methylphenols | 8.36 | 107 | 576974 | 38.882 | ng | 97 |
| 22) Acetophenone | 8.40 | 105 | 710029 | 43.131 | ng | 100 |
| 24) Nitrobenzene | 8.77 | 77 | 584831 | 44.342 | ng | 99 |
| 25) Isophorone | 9.29 | 82 | 1059439 | 42.396 | ng | 100 |
| 26) 2-Nitrophenol | 9.48 | 139 | 280148 | 47.667 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.55 | 122 | 443750 | 48.129 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.78 | 93 | 652103 | 43.811 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.02 | 162 | 483500 | 46.585 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.22 | 180 | 517982 | 44.773 | ng | 96 |
| 31) Naphthalene | 10.40 | 128 | 1490637 | 43.789 | ng | 100 |
| 32) Benzoic acid | 9.72 | 122 | 226055 | 31.489 | ng | 97 |
| 33) 4-Chloroaniline | 10.52 | 127 | 296122 | 19.926 | ng | 99 |
| 34) Hexachlorobutadiene | 10.70 | 225 | 301971 | 44.728 | ng | 97 |
| 35) Caprolactam | 11.29 | 113 | 157393m | 42.996 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.66 | 107 | 519713 | 46.279 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.03 | 142 | 1072112 | 44.372 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.25 | 142 | 1009265 | 44.504 | ng | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.41 | 216 | 524926 | 45.501 | ng | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.39 | 237 | 624071 | 101.751 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.65 | 196 | 376146 | 46.070 | ng | 98 |
| 44) 2,4,5-Trichlorophenol | 12.73 | 196 | 416405 | 44.044 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.06 | 154 | 1326932 | 46.263 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.09 | 162 | 1051077 | 44.800 | ng | 99 |
| 48) 2-Nitroaniline | 13.30 | 65 | 343628 | 45.880 | ng | 96 |
| 49) Acenaphthylene | 13.95 | 152 | 1653471 | 44.155 | ng | 98 |
| 50) Dimethylphthalate | 13.70 | 163 | 1324532 | 44.170 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.81 | 165 | 297687 | 45.711 | ng | 100 |
| 52) Acenaphthene | 14.30 | 154 | 975294 | 44.459 | ng | 98 |
| 53) 3-Nitroaniline | 14.14 | 138 | 185427 | 24.936 | ng | 92 |
| 54) 2,4-Dinitrophenol | 14.36 | 184 | 327707 | 85.176 | ng | 98 |
| 55) Dibenzofuran | 14.63 | 168 | 1542631 | 43.677 | ng | 99 |
| 56) 4-Nitrophenol | 14.47 | 139 | 471523 | 79.861 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.61 | 165 | 398125 | 44.912 | ng | 97 |
| 58) Fluorene | 15.29 | 166 | 1133424 | 40.799 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.87 | 232 | 344602 | 45.917 | ng | 99 |
| 60) Diethylphthalate | 15.08 | 149 | 1279780 | 42.593 | ng | 97 |
| 61) 4-Chlorophenyl-phenylether | 15.29 | 204 | 574869 | 41.885 | ng | 97 |
| 62) 4-Nitroaniline | 15.31 | 138 | 292853 | 40.987 | ng | 100 |
| 63) Azobenzene | 15.59 | 77 | 1305817 | 43.660 | ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.38 | 198 | 238530 | 50.733 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.50 | 169 | 1073255 | 47.154 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.19 | 248 | 391389 | 46.371 | ng | 96 |
| 68) Hexachlorobenzene | 16.30 | 284 | 429026 | 47.902 | ng | 98 |
| 69) Atrazine | 16.47 | 200 | 365557 | 49.233 | ng | 99 |
| 70) Pentachlorophenol | 16.65 | 266 | 487618 | 91.000 | ng | 98 |
| 71) Phenanthrene | 17.03 | 178 | 1944191 | 46.647 | ng | 99 |
| 72) Anthracene | 17.12 | 178 | 1970560 | 47.594 | ng | 100 |
| 73) Carbazole | 17.40 | 167 | 1776284 | 43.611 | ng | 99 |
| 74) Di-n-butylphthalate | 17.98 | 149 | 2169480 | 45.009 | ng | 99 |
| 75) Fluoranthene | 19.02 | 202 | 2249794 | 45.222 | ng | 99 |
| 77) Benzidine | 19.20 | 184 | 872007 | 56.020 | ng | 99 |
| 78) Pyrene | 19.37 | 202 | 2200244 | 51.564 | ng | 99 |
| 80) Butylbenzylphthalate | 20.26 | 149 | 880498 | 46.420 | ng | 99 |
| 81) Benzo(a)anthracene | 21.09 | 228 | 1828486 | 45.985 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.02 | 252 | 487387 | 32.982 | ng | 99 |
| 83) Chrysene | 21.13 | 228 | 1757518 | 46.652 | ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 1223219 | 44.333 | ng | 98 |
| 85) Di-n-octyl phthalate | 21.90 | 149 | 2002862 | 41.386 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 1989760 | 49.179 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.64 | 252 | 1781704 | 51.076 | ng | 98 |
| 89) Benzo(k)fluoranthene | 22.69 | 252 | 1666437 | 50.278 | ng | 99 |
| 90) Benzo(a)pyrene | 23.20 | 252 | 1577012 | 48.241 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.53 | 278 | 1632354 | 50.297 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 26.19 | 276 | 1681235 | 50.017 | ng | 98 |

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

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