Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002700.D
Acq On : 09 Jul 2020 16:48
Operator : CG/JU
Sample : PB129999BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129999BSD

Manual Integrations APPROVED
mohammad
7/10/2020 11:52:10 AM

Quant Time: Jul 09 17:29:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 68652 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.34 | 136 | 325208 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 235816 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.97 | 188 | 597092 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.09 | 240 | 777958 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.28 | 264 | 886181 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 565689 | 139.51 | ng | | 0.00 |
| 7) Phenol-d6 | 6.77 | 99 | 818427 | 144.61 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.71 | 82 | 468921 | 74.29 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.72 | 330 | 336688 | 117.39 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.83 | 172 | 1143692 | 71.38 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.57 | 244 | 2439008 | 67.67 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.13 | 88 | 54248 | 31.215 | ng | | 100 |
| 3) Pyridine | 3.52 | 79 | 170766 | 33.154 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.43 | 42 | 79252 | 36.248 | ng | # | 86 |
| 6) Aniline | 6.90 | 93 | 202784 | 28.522 | ng | | 97 |
| 8) 2-Chlorophenol | 7.14 | 128 | 214983 | 47.730 | ng | | 99 |
| 9) Benzaldehyde | 6.72 | 77 | 68468 | 20.777 | ng | | 97 |
| 10) Phenol | 6.79 | 94 | 303430 | 53.166 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.00 | 93 | 204044 | 43.560 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.46 | 146 | 193582 | 37.245 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.60 | 146 | 199855 | 37.744 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.92 | 146 | 195890 | 38.433 | ng | | 99 |
| 15) Benzyl Alcohol | 7.81 | 79 | 188767 | 44.389 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.10 | 45 | 277570 | 42.530 | ng | | 99 |
| 17) 2-Methylphenol | 8.03 | 107 | 198444 | 46.454 | ng | | 96 |
| 18) Hexachloroethane | 8.63 | 117 | 69422 | 36.326 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.37 | 70 | 166238 | 44.769 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.35 | 107 | 276002 | 47.923 | ng | | 94 |
| 22) Acetophenone | 8.38 | 105 | 313180 | 38.047 | ng | # | 97 |
| 24) Nitrobenzene | 8.75 | 77 | 249263 | 37.311 | ng | | 99 |
| 25) Isophorone | 9.27 | 82 | 489431 | 38.690 | ng | | 99 |
| 26) 2-Nitrophenol | 9.46 | 139 | 113864 | 37.371 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.55 | 122 | 210651 | 45.627 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.76 | 93 | 297708 | 40.969 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.01 | 162 | 225046 | 42.295 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.21 | 180 | 207654 | 34.666 | ng | | 100 |
| 31) Naphthalene | 10.39 | 128 | 644883 | 37.459 | ng | | 99 |
| 32) Benzoic acid | 9.68 | 122 | 122472 | 36.353 | ng | | 99 |
| 33) 4-Chloroaniline | 10.50 | 127 | 174992 | 23.238 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.69 | 225 | 110094 | 30.027 | ng | | 97 |
| 35) Caprolactam | 11.26 | 113 | 95229 | 53.242 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.66 | 107 | 264401 | 45.338 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.01 | 142 | 498664 | 39.726 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.23 | 142 | 477353 | 40.378 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 251876 | 34.207 | ng | | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.37 | 237 | 159251 | 43.543 ng | 95 |
| 43) 2,4,6-Trichlorophenol | 12.65 | 196 | 189005 | 37.935 ng | 97 |
| 44) 2,4,5-Trichlorophenol | 12.73 | 196 | 208343 | 36.326 ng | 96 |
| 46) 1,1'-Biphenyl | 13.04 | 154 | 644324 | 36.121 ng | 98 |
| 47) 2-Chloronaphthalene | 13.08 | 162 | 522862 | 36.009 ng | 95 |
| 48) 2-Nitroaniline | 13.29 | 65 | 190951 | 41.222 ng | 96 |
| 49) Acenaphthylene | 13.93 | 152 | 883233 | 38.650 ng | 99 |
| 50) Dimethylphthalate | 13.68 | 163 | 731780 | 39.510 ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.80 | 165 | 164375 | 41.092 ng | 95 |
| 52) Acenaphthene | 14.28 | 154 | 520690 | 38.619 ng | 100 |
| 53) 3-Nitroaniline | 14.13 | 138 | 127374 | 29.244 ng | 100 |
| 54) 2,4-Dinitrophenol | 14.35 | 184 | 150624 | 61.877 ng | 90 |
| 55) Dibenzofuran | 14.62 | 168 | 858537 | 39.293 ng | 98 |
| 56) 4-Nitrophenol | 14.48 | 139 | 311608 | 90.305 ng | 93 |
| 57) 2,4-Dinitrotoluene | 14.60 | 165 | 243498 | 45.251 ng | 97 |
| 58) Fluorene | 15.27 | 166 | 698969 | 42.004 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 190949 | 41.214 ng | 97 |
| 60) Diethylphthalate | 15.06 | 149 | 758057 | 41.160 ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.27 | 204 | 346563 | 38.835 ng | 92 |
| 62) 4-Nitroaniline | 15.30 | 138 | 206191 | 47.365 ng | 89 |
| 63) Azobenzene | 15.57 | 77 | 768176 | 43.136 ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 133224 | 35.419 ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.49 | 169 | 659424 | 37.832 ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.17 | 248 | 223468 | 33.305 ng | 96 |
| 68) Hexachlorobenzene | 16.29 | 284 | 252517 | 35.129 ng | 99 |
| 69) Atrazine | 16.46 | 200 | 235141 | 42.042 ng | 97 |
| 70) Pentachlorophenol | 16.65 | 266 | 287031 | 70.207 ng | 99 |
| 71) Phenanthrene | 17.02 | 178 | 1284665 | 39.988 ng | 100 |
| 72) Anthracene | 17.11 | 178 | 1312475 | 41.055 ng | 99 |
| 73) Carbazole | 17.39 | 167 | 1325823 | 42.913 ng | 99 |
| 74) Di-n-butylphthalate | 17.96 | 149 | 1500681 | 41.243 ng | 99 |
| 75) Fluoranthene | 19.00 | 202 | 1721420 | 44.268 ng | 98 |
| 77) Benzidine | 19.19 | 184 | 816407 | 33.899 ng | 99 |
| 78) Pyrene | 19.36 | 202 | 1762345 | 33.281 ng | 99 |
| 80) Butylbenzylphthalate | 20.25 | 149 | 808421 | 34.970 ng | 99 |
| 81) Benzo(a)anthracene | 21.07 | 228 | 1920065 | 37.752 ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.01 | 252 | 541694 | 29.091 ng | 94 |
| 83) Chrysene | 21.12 | 228 | 1829879 | 37.520 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.02 | 149 | 1195424 | 36.011 ng | 98 |
| 85) Di-n-octyl phthalate | 21.88 | 149 | 2266331 | 38.653 ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 2809498 | 44.031 ng | 96 |
| 88) Benzo(b)fluoranthene | 22.63 | 252 | 2244842 | 39.699 ng | 99 |
| 89) Benzo(k)fluoranthene | 22.67 | 252 | 2005414m | 38.016 ng | |
| 90) Benzo(a)pyrene | 23.19 | 252 | 2066712 | 39.828 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.51 | 278 | 2317899 | 44.456 ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.17 | 276 | 2370423 | 45.459 ng | 97 |

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

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