Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002620.D
Acq On : 02 Jul 2020 08:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDCCC040

Quant Time: Jul 02 10:42:21 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 | 201910 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.35 | 136 | 812417 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 501244 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.98 | 188 | 1055168 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.09 | 240 | 932033 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.29 | 264 | 988604 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 952082 | 79.84 | ng | 0.00 |
| 7) Phenol-d6 | 6.77 | 99 | 1363066 | 81.89 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.72 | 82 | 1227766 | 77.87 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.73 | 330 | 433515 | 71.11 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.84 | 172 | 2511599 | 73.75 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.57 | 244 | 3265944 | 75.64 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.15 | 88 | 194383 | 38.031 | ng | 99 |
| 3) Pyridine | 3.52 | 79 | 607103 | 40.077 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.44 | 42 | 238297 | 37.059 | ng | 90 |
| 6) Aniline | 6.90 | 93 | 867294 | 41.477 | ng | 99 |
| 8) 2-Chlorophenol | 7.15 | 128 | 529510 | 39.972 | ng | 99 |
| 9) Benzaldehyde | 6.72 | 77 | 354372 | 41.080 | ng | 99 |
| 10) Phenol | 6.79 | 94 | 695525 | 41.437 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 7.00 | 93 | 569450 | 41.334 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.46 | 146 | 592537 | 38.763 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.60 | 146 | 591599 | 37.988 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.92 | 146 | 574239 | 38.307 | ng | 98 |
| 15) Benzyl Alcohol | 7.82 | 79 | 498789 | 39.881 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.11 | 45 | 824354 | 42.947 | ng | 99 |
| 17) 2-Methylphenol | 8.03 | 107 | 501553 | 39.921 | ng | 99 |
| 18) Hexachloroethane | 8.64 | 117 | 216826 | 38.577 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.38 | 70 | 435334 | 39.863 | ng | 98 |
| 20) 3+4-Methylphenols | 8.36 | 107 | 682818 | 40.312 | ng | 98 |
| 22) Acetophenone | 8.39 | 105 | 796930 | 38.756 | ng | 98 |
| 24) Nitrobenzene | 8.76 | 77 | 657809 | 39.415 | ng | 100 |
| 25) Isophorone | 9.29 | 82 | 1268661 | 40.145 | ng | 99 |
| 26) 2-Nitrophenol | 9.47 | 139 | 306885 | 40.319 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.55 | 122 | 462625 | 40.111 | ng | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.77 | 93 | 746565 | 41.126 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.01 | 162 | 520812 | 39.182 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.22 | 180 | 564156 | 37.700 | ng | 98 |
| 31) Naphthalene | 10.39 | 128 | 1660804 | 38.617 | ng | 100 |
| 32) Benzoic acid | 9.71 | 122 | 279798 | 33.989 | ng | 99 |
| 33) 4-Chloroaniline | 10.50 | 127 | 749367 | 39.834 | ng | 100 |
| 34) Hexachlorobutadiene | 10.69 | 225 | 336398 | 36.727 | ng | 98 |
| 35) Caprolactam | 11.28 | 113 | 180484 | 40.393 | ng | 93 |
| 36) 4-Chloro-3-methylphenol | 11.66 | 107 | 562337 | 38.599 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.02 | 142 | 1193507 | 38.061 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.24 | 142 | 1127370 | 38.173 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216 | 603606 | 38.566 | ng | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.38 | 237 | 341880 | 43.934 ng | 97 |
| 43) 2,4,6-Trichlorophenol | 12.65 | 196 | 414631 | 39.152 ng | 98 |
| 44) 2,4,5-Trichlorophenol | 12.72 | 196 | 467896 | 38.380 ng | 99 |
| 46) 1,1'-Biphenyl | 13.05 | 154 | 1441464 | 38.018 ng | 99 |
| 47) 2-Chloronaphthalene | 13.09 | 162 | 1168537 | 37.861 ng | 97 |
| 48) 2-Nitroaniline | 13.29 | 65 | 400025 | 40.627 ng | 98 |
| 49) Acenaphthylene | 13.94 | 152 | 1863260 | 38.359 ng | 99 |
| 50) Dimethylphthalate | 13.69 | 163 | 1483500 | 37.682 ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.80 | 165 | 330652 | 38.889 ng | 96 |
| 52) Acenaphthene | 14.29 | 154 | 1105293 | 38.568 ng | 99 |
| 53) 3-Nitroaniline | 14.13 | 138 | 377475 | 40.773 ng | 99 |
| 54) 2,4-Dinitrophenol | 14.35 | 184 | 174300 | 36.424 ng | 96 |
| 55) Dibenzofuran | 14.63 | 168 | 1760440 | 37.905 ng | 99 |
| 56) 4-Nitrophenol | 14.47 | 139 | 267042 | 37.863 ng | 92 |
| 57) 2,4-Dinitrotoluene | 14.60 | 165 | 451215 | 39.450 ng | 96 |
| 58) Fluorene | 15.28 | 166 | 1305617 | 36.912 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 370078 | 37.579 ng | 99 |
| 60) Diethylphthalate | 15.07 | 149 | 1445198 | 36.917 ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.28 | 204 | 693412 | 36.556 ng | 96 |
| 62) 4-Nitroaniline | 15.30 | 138 | 371002 | 40.095 ng | 91 |
| 63) Azobenzene | 15.57 | 77 | 1486817 | 39.279 ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 258305 | 38.597 ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.50 | 169 | 1228147 | 39.871 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.18 | 248 | 465468 | 39.255 ng | 95 |
| 68) Hexachlorobenzene | 16.30 | 284 | 481215 | 37.882 ng | 97 |
| 69) Atrazine | 16.46 | 200 | 383929 | 38.844 ng | 99 |
| 70) Pentachlorophenol | 16.65 | 266 | 249184 | 35.844 ng | 98 |
| 71) Phenanthrene | 17.03 | 178 | 2181966 | 38.434 ng | 100 |
| 72) Anthracene | 17.12 | 178 | 2184336 | 38.665 ng | 98 |
| 73) Carbazole | 17.39 | 167 | 2140153 | 39.198 ng | 99 |
| 74) Di-n-butylphthalate | 17.97 | 149 | 2530591 | 39.356 ng | 99 |
| 75) Fluoranthene | 19.01 | 202 | 2595106 | 37.764 ng | 98 |
| 77) Benzidine | 19.19 | 184 | 990700 | 34.488 ng | 100 |
| 78) Pyrene | 19.36 | 202 | 2658870 | 41.911 ng | 99 |
| 80) Butylbenzylphthalate | 20.26 | 149 | 1167044 | 42.137 ng | 100 |
| 81) Benzo(a)anthracene | 21.07 | 228 | 2403206 | 39.440 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.02 | 252 | 886448 | 39.737 ng | 94 |
| 83) Chrysene | 21.13 | 228 | 2259911 | 38.677 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 1582353 | 39.787 ng | 99 |
| 85) Di-n-octyl phthalate | 21.89 | 149 | 2801076 | 39.876 ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 2852612 | 40.075 ng | 98 |
| 88) Benzo(b)fluoranthene | 22.63 | 252 | 2499208 | 39.618 ng | 98 |
| 89) Benzo(k)fluoranthene | 22.68 | 252 | 2346406 | 39.872 ng | 98 |
| 90) Benzo(a)pyrene | 23.20 | 252 | 2314774 | 39.987 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.52 | 278 | 2322954 | 39.938 ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.19 | 276 | 2341802 | 40.257 ng | 98 |

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

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