Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
Data File : BP007348.D
Acq On : 06 Oct 2021 11:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
10/8/2021 8:34:18 AM

Quant Time: Oct 06 12:27:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.858 | 152 | 174028 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.658 | 136 | 666060 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.498 | 164 | 430223 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 907150 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.345 | 240 | 920127 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.745 | 264 | 982609 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 833209 | 80.14 | ng | | -0.01 |
| 7) Phenol-d6 | 7.040 | 99 | 1118616 | 78.72 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.022 | 82 | 942893 | 82.44 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.993 | 330 | 464885 | 83.35 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.122 | 172 | 2341915 | 77.98 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.810 | 244 | 3798341 | 79.10 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 169859 | 40.40 | ng | # | 88 |
| 3) Pyridine | 3.740 | 79 | 463412 | 40.28 | ng | # | 86 |
| 4) n-Nitrosodimethylamine | 3.652 | 42 | 180359 | 45.73 | ng | # | 89 |
| 6) Aniline | 7.187 | 93 | 609668 | 38.93 | ng | | 99 |
| 8) 2-Chlorophenol | 7.428 | 128 | 437573 | 38.73 | ng | | 98 |
| 9) Benzaldehyde | 7.005 | 77 | 299432m | 37.41 | ng | | |
| 10) Phenol | 7.069 | 94 | 532419 | 38.86 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.287 | 93 | 411716 | 38.07 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.746 | 146 | 491430 | 38.56 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.893 | 146 | 499875 | 38.47 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.211 | 146 | 484784 | 38.50 | ng | | 98 |
| 15) Benzyl Alcohol | 8.111 | 79 | 365105 | 40.12 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.393 | 45 | 473700 | 38.26 | ng | | 90 |
| 17) 2-Methylphenol | 8.316 | 107 | 362273 | 39.23 | ng | | 94 |
| 18) Hexachloroethane | 8.934 | 117 | 172601 | 39.57 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.675 | 70 | 298833 | 38.67 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.646 | 107 | 500790 | 39.22 | ng | | 94 |
| 22) Acetophenone | 8.687 | 105 | 645729 | 40.23 | ng | # | 99 |
| 24) Nitrobenzene | 9.069 | 77 | 448370 | 41.12 | ng | | 96 |
| 25) Isophorone | 9.599 | 82 | 822696 | 41.25 | ng | | 98 |
| 26) 2-Nitrophenol | 9.775 | 139 | 243737 | 42.87 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 9.846 | 122 | 355088 | 39.66 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.075 | 93 | 539370 | 38.33 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.316 | 162 | 422311 | 40.44 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.522 | 180 | 468239 | 39.36 | ng | | 97 |
| 31) Naphthalene | 10.710 | 128 | 1320672 | 38.85 | ng | | 99 |
| 32) Benzoic acid | 10.028 | 122 | 289270 | 42.04 | ng | | 97 |
| 33) 4-Chloroaniline | 10.828 | 127 | 565726 | 40.28 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.987 | 225 | 286851 | 40.27 | ng | | 98 |
| 35) Caprolactam | 11.646 | 113 | 140911 | 43.86 | ng | # | 70 |
| 36) 4-Chloro-3-methylphenol | 11.963 | 107 | 435936 | 41.07 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.322 | 142 | 925834 | 38.90 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.540 | 142 | 900915 | 38.74 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.693 | 216 | 517260 | 39.26 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.663 | 237 | 283431 | 38.82 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.940 | 196 | 360748 | 40.13 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.022 | 196 | 385174 | 39.79 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.334 | 154 | 1234533 | 38.58 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.375 | 162 | 968279 | 39.06 | ng | | 98 |
| 48) 2-Nitroaniline | 13.587 | 65 | 276304 | 45.72 | ng | | 99 |
| 49) Acenaphthylene | 14.222 | 152 | 1520875 | 39.83 | ng | | 100 |
| 50) Dimethylphthalate | 13.963 | 163 | 1231721 | 39.81 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.081 | 165 | 264244 | 41.81 | ng | | 98 |
| 52) Acenaphthene | 14.563 | 154 | 904154 | 39.09 | ng | | 99 |
| 53) 3-Nitroaniline | 14.416 | 138 | 291060 | 42.59 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.640 | 184 | 143531 | 39.42 | ng | | 94 |
| 55) Dibenzofuran | 14.898 | 168 | 1511536 | 39.16 | ng | | 96 |
| 56) 4-Nitrophenol | 14.751 | 139 | 214292 | 38.62 | ng | # | 88 |
| 57) 2,4-Dinitrotoluene | 14.875 | 165 | 364005 | 43.64 | ng | | 98 |
| 58) Fluorene | 15.545 | 166 | 1185938 | 39.78 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.134 | 232 | 337126m | 39.66 | ng | | |
| 60) Diethylphthalate | 15.322 | 149 | 1216184 | 40.56 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.540 | 204 | 622040 | 39.48 | ng | | 93 |
| 62) 4-Nitroaniline | 15.581 | 138 | 309141 | 44.98 | ng | # | 86 |
| 63) Azobenzene | 15.834 | 77 | 1077446 | 41.47 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 198 | 226758 | 41.65 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.757 | 169 | 1047065 | 38.79 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.440 | 248 | 388276 | 39.05 | ng | | 95 |
| 68) Hexachlorobenzene | 16.557 | 284 | 433188 | 39.42 | ng | | 99 |
| 69) Atrazine | 16.716 | 200 | 383719 | 40.33 | ng | | 98 |
| 70) Pentachlorophenol | 16.910 | 266 | 266460 | 39.05 | ng | | 99 |
| 71) Phenanthrene | 17.292 | 178 | 1884751 | 38.75 | ng | | 99 |
| 72) Anthracene | 17.387 | 178 | 1889066 | 39.70 | ng | | 100 |
| 73) Carbazole | 17.663 | 167 | 1881207 | 40.35 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.204 | 149 | 2163655 | 41.87 | ng | | 99 |
| 75) Fluoranthene | 19.263 | 202 | 2272385 | 40.55 | ng | | 98 |
| 77) Benzidine | 19.445 | 184 | 1019462 | 36.05 | ng | | 99 |
| 78) Pyrene | 19.616 | 202 | 2352098 | 38.96 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.486 | 149 | 1018532 | 42.13 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.328 | 228 | 2351355 | 39.37 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.257 | 252 | 819291 | 39.94 | ng | # | 98 |
| 83) Chrysene | 21.380 | 228 | 2219547 | 38.88 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.245 | 149 | 1444306 | 41.55 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.163 | 149 | 2503228 | 42.30 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.280 | 276 | 2822634 | 39.97 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.016 | 252 | 2318353 | 39.48 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.063 | 252 | 2254369 | 37.92 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.639 | 252 | 1968342 | 39.45 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 26.292 | 278 | 2347984 | 39.68 | ng | # | 97 |
| 92) Benzo(g,h,i)perylene | 27.057 | 276 | 2265209 | 39.22 | ng | # | 95 |

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

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