Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110320\
Data File : BP003792.D
Acq On : 03 Nov 2020 13:50
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
mohammad
11/4/2020 11:00:28 AM

Quant Time: Nov 03 14:56:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 14:52:25 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.293 | 152 | 153238 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.128 | 136 | 600289 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.910 | 164 | 382674 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.634 | 188 | 795444 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.651 | 240 | 771480 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.110 | 264 | 791495 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.811 | 112 | 701520 | 72.19 | ng | | 0.00 |
| 7) Phenol-d6 | 7.458 | 99 | 1015331 | 86.20 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.458 | 82 | 927770m | 75.77 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.387 | 330 | 366479 | 53.21 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.534 | 172 | 2006832 | 60.46 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.122 | 244 | 2946551 | 66.44 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.511 | 88 | 148433 | 30.97 | ng | # | 63 |
| 3) Pyridine | 3.946 | 79 | 444770 | 26.76 | ng | # | 61 |
| 4) n-Nitrosodimethylamine | 3.846 | 42 | 203353 | 33.47 | ng | # | 56 |
| 6) Aniline | 7.599 | 93 | 579431 | 44.09 | ng | # | 82 |
| 8) 2-Chlorophenol | 7.864 | 128 | 376653 | 43.50 | ng | # | 80 |
| 9) Benzaldehyde | 7.399 | 77 | 223153 | 42.35 | ng | | 82 |
| 10) Phenol | 7.481 | 94 | 485595 | 43.36 | ng | | 81 |
| 11) bis(2-Chloroethyl)ether | 7.687 | 93 | 390081 | 44.24 | ng | # | 81 |
| 12) 1,3-Dichlorobenzene | 8.193 | 146 | 449983 | 40.87 | ng | # | 94 |
| 13) 1,4-Dichlorobenzene | 8.334 | 146 | 454752 | 38.63 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.663 | 146 | 436692 | 40.99 | ng | | 96 |
| 15) Benzyl Alcohol | 8.528 | 79 | 361390 | 42.67 | ng | | 89 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.822 | 45 | 652182 | 69.86 | ng | | 81 |
| 17) 2-Methylphenol | 8.752 | 107 | 322277 | 39.52 | ng | # | 94 |
| 18) Hexachloroethane | 9.411 | 117 | 166673 | 36.02 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 9.099 | 70 | 310399 | 42.90 | ng | # | 77 |
| 20) 3+4-Methylphenols | 9.075 | 107 | 435286 | 40.73 | ng | | 94 |
| 22) Acetophenone | 9.111 | 105 | 601278 | 39.77 | ng | # | 85 |
| 24) Nitrobenzene | 9.499 | 77 | 457742 | 38.80 | ng | # | 79 |
| 25) Isophorone | 10.022 | 82 | 797877 | 38.77 | ng | # | 90 |
| 26) 2-Nitrophenol | 10.222 | 139 | 188430 | 37.00 | ng | # | 71 |
| 27) 2,4-Dimethylphenol | 10.287 | 122 | 296959 | 37.52 | ng | | 92 |
| 28) bis(2-Chloroethoxy)met... | 10.499 | 93 | 533809 | 39.62 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.775 | 162 | 365553 | 36.49 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.993 | 180 | 430954 | 33.59 | ng | | 99 |
| 31) Naphthalene | 11.175 | 128 | 1186690 | 34.96 | ng | | 99 |
| 32) Benzoic acid | 10.434 | 122 | 191810 | 40.99 | ng | # | 78 |
| 33) 4-Chloroaniline | 11.263 | 127 | 516655 | 35.83 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.493 | 225 | 280058 | 28.42 | ng | | 99 |
| 35) Caprolactam | 11.993 | 113 | 116702 | 35.75 | ng | # | 12 |
| 36) 4-Chloro-3-methylphenol | 12.381 | 107 | 391867 | 36.47 | ng | | 89 |
| 37) 2-Methylnaphthalene | 12.757 | 142 | 852729 | 35.52 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.975 | 142 | 806882 | 33.47 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 13.134 | 216 | 467684 | 28.30 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.134 | 237 | 246350 | 28.65 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.357 | 196 | 299062 | 31.57 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.434 | 196 | 313019 | 30.16 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.746 | 154 | 1086079 | 32.18 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.793 | 162 | 897261 | 31.97 | ng | | 99 |
| 48) 2-Nitroaniline | 13.969 | 65 | 285537 | 42.40 | ng | # | 59 |
| 49) Acenaphthylene | 14.634 | 152 | 1326364 | 37.34 | ng | | 99 |
| 50) Dimethylphthalate | 14.340 | 163 | 1102081 | 33.90 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.451 | 165 | 232894 | 34.52 | ng | # | 70 |
| 52) Acenaphthene | 14.975 | 154 | 877602 | 37.58 | ng | | 93 |
| 53) 3-Nitroaniline | 14.781 | 138 | 257635 | 40.65 | ng | # | 75 |
| 54) 2,4-Dinitrophenol | 14.981 | 184 | 100563 | 34.30 | ng | # | 1 |
| 55) Dibenzofuran | 15.298 | 168 | 1293810 | 30.66 | ng | | 100 |
| 56) 4-Nitrophenol | 15.093 | 139 | 192024 | 40.70 | ng | # | 62 |
| 57) 2,4-Dinitrotoluene | 15.234 | 165 | 318571 | 32.19 | ng | # | 68 |
| 58) Fluorene | 15.945 | 166 | 1032968 | 30.95 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.534 | 232 | 283380 | 27.46 | ng | | 98 |
| 60) Diethylphthalate | 15.693 | 149 | 1081509 | 31.76 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.922 | 204 | 561043 | 28.84 | ng | | 98 |
| 62) 4-Nitroaniline | 15.940 | 138 | 269777 | 35.74 | ng | | 84 |
| 63) Azobenzene | 16.216 | 77 | 1028806 | 34.41 | ng | | 85 |
| 65) 4,6-Dinitro-2-methylph... | 16.010 | 198 | 150708 | 36.27 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 16.134 | 169 | 906961 | 39.10 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.816 | 248 | 346565 | 35.35 | ng | | 99 |
| 68) Hexachlorobenzene | 16.975 | 284 | 389344 | 34.08 | ng | | 98 |
| 69) Atrazine | 17.063 | 200 | 306734 | 37.32 | ng | | 99 |
| 70) Pentachlorophenol | 17.298 | 266 | 197894 | 35.30 | ng | | 98 |
| 71) Phenanthrene | 17.675 | 178 | 1634182 | 37.84 | ng | | 99 |
| 72) Anthracene | 17.763 | 178 | 1588931 | 37.60 | ng | | 99 |
| 73) Carbazole | 18.010 | 167 | 1477477 | 40.94 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.534 | 149 | 1796145 | 41.30 | ng | # | 99 |
| 75) Fluoranthene | 19.598 | 202 | 1921532 | 38.24 | ng | | 99 |
| 77) Benzidine | 19.745 | 184 | 738299 | 46.16 | ng | | 100 |
| 78) Pyrene | 19.951 | 202 | 1973067 | 37.72 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.769 | 149 | 779635 | 46.10 | ng | # | 84 |
| 81) Benzo(a)anthracene | 21.633 | 228 | 1892729 | 37.94 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.545 | 252 | 667127 | 38.34 | ng | | 99 |
| 83) Chrysene | 21.686 | 228 | 1806247 | 37.86 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.516 | 149 | 1124270 | 46.88 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.439 | 149 | 1887960 | 44.83 | ng | # | 86 |
| 87) Indeno(1,2,3-cd)pyrene | 26.651 | 276 | 2054423 | 36.28 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.357 | 252 | 1824866 | 37.23 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.410 | 252 | 1863963 | 37.99 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.998 | 252 | 1723914 | 37.26 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.651 | 278 | 1723949 | 36.44 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.433 | 276 | 1654914 | 34.81 | ng | | 99 |

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

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