Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011223\
Data File : BP013461.D
Acq On : 12 Jan 2023 16:17
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Jan 13 02:32:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 02:28:25 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.910 | 152 | 475052 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.722 | 136 | 2080241 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.557 | 164 | 1431538 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.316 | 188 | 3300517 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.404 | 240 | 3349376 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.868 | 264 | 4036170 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.463 | 112 | 546281 | 21.011 | ng | | 0.00 |
| 7) Phenol-d6 | 7.075 | 99 | 756890 | 22.292 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.075 | 82 | 762791 | 20.102 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.051 | 330 | 428059 | 24.801 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.175 | 172 | 2037417 | 19.324 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.869 | 244 | 3505347 | 20.647 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.334 | 88 | 109907 | 9.541 | ng | | 96 |
| 3) Pyridine | 3.752 | 79 | 325250 | 9.942 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.658 | 42 | 156354 | 10.664 | ng | # | 95 |
| 6) Aniline | 7.234 | 93 | 509713 | 12.397 | ng | | 100 |
| 8) 2-Chlorophenol | 7.469 | 128 | 319225 | 10.415 | ng | | 98 |
| 9) Benzaldehyde | 7.046 | 77 | 258953 | 12.711 | ng | | 99 |
| 10) Phenol | 7.099 | 94 | 390697 | 10.280 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.328 | 93 | 325734 | 10.646 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.799 | 146 | 338564 | 9.494 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.946 | 146 | 344394 | 9.483 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.263 | 146 | 336018 | 9.748 | ng | | 99 |
| 15) Benzyl Alcohol | 8.151 | 79 | 291002 | 11.814 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440 | 45 | 511474 | 11.541 | ng | | 99 |
| 17) 2-Methylphenol | 8.357 | 107 | 295115 | 11.748 | ng | | 99 |
| 18) Hexachloroethane | 8.993 | 117 | 120523 | 9.799 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.716 | 70 | 284683 | 12.910 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.687 | 107 | 403778 | 11.823 | ng | | 98 |
| 22) Acetophenone | 8.740 | 105 | 522667 | 10.097 | ng | # | 99 |
| 24) Nitrobenzene | 9.122 | 77 | 388771 | 9.831 | ng | | 98 |
| 25) Isophorone | 9.646 | 82 | 799168 | 12.400 | ng | | 98 |
| 26) 2-Nitrophenol | 9.834 | 139 | 184758 | 10.206 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.893 | 122 | 319644 | 11.722 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93 | 471781 | 11.416 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.369 | 162 | 329114 | 9.779 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.587 | 180 | 358832 | 9.033 | ng | | 99 |
| 31) Naphthalene | 10.775 | 128 | 1084069 | 9.517 | ng | | 99 |
| 32) Benzoic acid | 9.993 | 122 | 239507 | 11.132 | ng | | 97 |
| 33) 4-Chloroaniline | 10.887 | 127 | 480811 | 11.318 | ng | | 100 |
| 34) Hexachlorobutadiene | 11.051 | 225 | 226902 | 8.954 | ng | | 99 |
| 35) Caprolactam | 11.669 | 113 | 118968 | 13.691 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.010 | 107 | 366846 | 11.670 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.381 | 142 | 816680 | 10.661 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.598 | 142 | 778750 | 10.440 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.745 | 216 | 452939 | 8.869 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.722 | 237 | 205191 | 7.968 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.992 | 196 | 311399 | 9.669 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.063 | 196 | 358941 | 10.316 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.387 | 154 | 1076921 | 9.514 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.434 | 162 | 821704 | 9.134 | ng | 99 |
| 48) 2-Nitroaniline | 13.639 | 65 | 256422 | 11.521 | ng | 94 |
| 49) Acenaphthylene | 14.281 | 152 | 1366608 | 10.327 | ng | 99 |
| 50) Dimethylphthalate | 14.010 | 163 | 1137252 | 10.861 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.134 | 165 | 236001 | 11.014 | ng | 96 |
| 52) Acenaphthene | 14.622 | 154 | 805476 | 9.791 | ng | 99 |
| 53) 3-Nitroaniline | 14.469 | 138 | 249967 | 11.441 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.681 | 184 | 136993 | 10.731 | ng | 98 |
| 55) Dibenzofuran | 14.957 | 168 | 1351890 | 10.268 | ng | 99 |
| 56) 4-Nitrophenol | 14.781 | 139 | 194522 | 10.863 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.928 | 165 | 314812 | 11.754 | ng | 96 |
| 58) Fluorene | 15.604 | 166 | 1083718 | 10.635 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.186 | 232 | 317441 | 10.673 | ng | 99 |
| 60) Diethylphthalate | 15.375 | 149 | 1114388 | 11.577 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204 | 582644 | 11.048 | ng | 99 |
| 62) 4-Nitroaniline | 15.633 | 138 | 250350 | 12.277 | ng | 97 |
| 63) Azobenzene | 15.892 | 77 | 1014642 | 11.342 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198 | 198392 | 9.357 | ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.816 | 169 | 958489 | 9.301 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248 | 367207 | 9.409 | ng | 99 |
| 68) Hexachlorobenzene | 16.616 | 284 | 403366 | 8.827 | ng | 99 |
| 69) Atrazine | 16.769 | 200 | 350291 | 12.115 | ng | 98 |
| 70) Pentachlorophenol | 16.963 | 266 | 270223 | 10.041 | ng | 99 |
| 71) Phenanthrene | 17.357 | 178 | 1753703 | 9.338 | ng | 99 |
| 72) Anthracene | 17.451 | 178 | 1775962 | 10.073 | ng | 98 |
| 73) Carbazole | 17.722 | 167 | 1609872 | 10.415 | ng | 100 |
| 74) Di-n-butylphthalate | 18.263 | 149 | 1919822 | 11.292 | ng | 99 |
| 75) Fluoranthene | 19.327 | 202 | 2176645 | 10.768 | ng | 99 |
| 77) Benzidine | 19.504 | 184 | 1010769 | 21.246 | ng | 100 |
| 78) Pyrene | 19.680 | 202 | 2272419 | 9.442 | ng | 98 |
| 80) Butylbenzylphthalate | 20.545 | 149 | 925262 | 11.858 | ng | 100 |
| 81) Benzo(a)anthracene | 21.392 | 228 | 2310067 | 10.090 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.321 | 252 | 852123 | 12.499 | ng | 99 |
| 83) Chrysene | 21.445 | 228 | 2195495 | 9.831 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.298 | 149 | 1384191 | 13.042 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.239 | 149 | 2419433 | 13.574 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.439 | 276 | 3001015 | 9.100 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.115 | 252 | 2427500 | 9.341 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.162 | 252 | 2333731 | 8.877 | ng | 99 |
| 90) Benzo(a)pyrene | 23.757 | 252 | 2347692 | 10.765 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.451 | 278 | 2493596 | 9.098 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.227 | 276 | 2479666 | 9.131 | ng | 99 |

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

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