Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008883.D
Acq On : 24 Jan 2022 12:52
Operator : CG/JU
Sample : PB142174BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 24 14:48:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB142174BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.846 | 152 | 314869 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.646 | 136 | 1187310 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.487 | 164 | 737874 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.239 | 188 | 1376493 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.333 | 240 | 1158591 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 23.751 | 264 | 1101173 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 2341067 | 114.977 | ng | 0.00 |
| 7) Phenol-d6 | 7.028 | 99 | 2807830 | 113.879 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.010 | 82 | 1724354 | 82.453 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.981 | 330 | 1258636 | 117.186 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.110 | 172 | 4423969 | 79.066 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.804 | 244 | 5831952 | 84.965 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 257662 | 31.265 | ng | 98 |
| 3) Pyridine | 3.740 | 79 | 617848 | 35.795 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.652 | 42 | 325644 | 40.212 | ng | 92 |
| 6) Aniline | 7.175 | 93 | 853966 | 27.749 | ng | 99 |
| 8) 2-Chlorophenol | 7.416 | 128 | 920852 | 42.464 | ng | 99 |
| 9) Benzaldehyde | 6.987 | 77 | 477687 | 28.987 | ng | 100 |
| 10) Phenol | 7.052 | 94 | 1071872 | 42.642 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 7.269 | 93 | 830780 | 41.540 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.734 | 146 | 1023381 | 39.629 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.881 | 146 | 1040892 | 39.770 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.199 | 146 | 1000811 | 40.103 | ng | 98 |
| 15) Benzyl Alcohol | 8.093 | 79 | 730741 | 42.245 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.381 | 45 | 922574 | 41.249 | ng | 99 |
| 17) 2-Methylphenol | 8.299 | 107 | 710609 | 42.197 | ng | 97 |
| 18) Hexachloroethane | 8.922 | 117 | 359971 | 40.522 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.657 | 70 | 598504 | 41.525 | ng | 97 |
| 20) 3+4-Methylphenols | 8.628 | 107 | 956307 | 42.777 | ng | 99 |
| 22) Acetophenone | 8.669 | 105 | 1286329 | 42.529 | ng | 98 |
| 24) Nitrobenzene | 9.052 | 77 | 896541 | 42.441 | ng | 97 |
| 25) Isophorone | 9.581 | 82 | 1608255 | 42.553 | ng | 98 |
| 26) 2-Nitrophenol | 9.763 | 139 | 483912 | 43.574 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.828 | 122 | 801541 | 42.331 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.057 | 93 | 1040248 | 42.180 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.304 | 162 | 890069 | 43.075 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.510 | 180 | 990756 | 40.933 | ng | 100 |
| 31) Naphthalene | 10.698 | 128 | 2658278 | 41.222 | ng | 100 |
| 32) Benzoic acid | 10.010 | 122 | 530139 | 48.785 | ng | 98 |
| 33) 4-Chloroaniline | 10.810 | 127 | 362586 | 13.797 | ng | 98 |
| 34) Hexachlorobutadiene | 10.987 | 225 | 621310 | 41.085 | ng | 99 |
| 35) Caprolactam | 11.610 | 113 | 242132 | 42.508 | ng | 91 |
| 36) 4-Chloro-3-methylphenol | 11.951 | 107 | 807005 | 43.291 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.310 | 142 | 1955300 | 41.476 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.528 | 142 | 1799778 | 41.593 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.681 | 216 | 1129242 | 41.974 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.663 | 237 | 1235852 | 89.774 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.928 | 196 | 708903 | 42.617 | ng | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.998 | 196 | 765396 | 42.752 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.322 | 154 | 2501482 | 41.668 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.363 | 162 | 1922844 | 41.539 | ng | 99 |
| 48) 2-Nitroaniline | 13.569 | 65 | 452708 | 44.046 | ng | 98 |
| 49) Acenaphthylene | 14.210 | 152 | 2935495 | 41.974 | ng | 100 |
| 50) Dimethylphthalate | 13.951 | 163 | 2313052 | 42.208 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.063 | 165 | 509264 | 43.817 | ng | 93 |
| 52) Acenaphthene | 14.551 | 154 | 1764984 | 42.551 | ng | 99 |
| 53) 3-Nitroaniline | 14.392 | 138 | 283972 | 24.844 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.610 | 184 | 480577 | 102.240 | ng | 95 |
| 55) Dibenzofuran | 14.887 | 168 | 2854635 | 42.235 | ng | 99 |
| 56) 4-Nitrophenol | 14.722 | 139 | 753086 | 91.494 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.857 | 165 | 681223 | 45.568 | ng | 91 |
| 58) Fluorene | 15.539 | 166 | 2273917 | 42.594 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.122 | 232 | 638424m | 43.290 | ng | |
| 60) Diethylphthalate | 15.316 | 149 | 2227306 | 42.835 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.534 | 204 | 1236117 | 42.505 | ng | 100 |
| 62) 4-Nitroaniline | 15.563 | 138 | 472188 | 42.654 | ng | 91 |
| 63) Azobenzene | 15.828 | 77 | 1897821 | 43.962 | ng | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.628 | 198 | 331714 | 48.234 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.751 | 169 | 1974259 | 44.564 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.428 | 248 | 763240 | 44.405 | ng | 96 |
| 68) Hexachlorobenzene | 16.551 | 284 | 855233 | 43.421 | ng | 99 |
| 69) Atrazine | 16.710 | 200 | 710306 | 43.145 | ng | 99 |
| 70) Pentachlorophenol | 16.898 | 266 | 985685 | 93.951 | ng | 100 |
| 71) Phenanthrene | 17.286 | 178 | 3396799 | 43.829 | ng | 99 |
| 72) Anthracene | 17.375 | 178 | 3477076 | 44.723 | ng | 100 |
| 73) Carbazole | 17.651 | 167 | 2989769 | 44.723 | ng | 99 |
| 74) Di-n-butylphthalate | 18.204 | 149 | 3595969 | 44.698 | ng | 99 |
| 75) Fluoranthene | 19.257 | 202 | 3760723 | 43.635 | ng | 96 |
| 77) Benzidine | 19.433 | 184 | 1073189 | 26.220 | ng | 98 |
| 78) Pyrene | 19.610 | 202 | 3814188 | 47.181 | ng | 98 |
| 80) Butylbenzylphthalate | 20.480 | 149 | 1446200 | 44.480 | ng | 97 |
| 81) Benzo(a)anthracene | 21.321 | 228 | 3394041 | 43.544 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.251 | 252 | 927741 | 27.551 | ng | 99 |
| 83) Chrysene | 21.374 | 228 | 3235833 | 42.825 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.245 | 149 | 2182929 | 43.355 | ng | 97 |
| 85) Di-n-octyl phthalate | 22.174 | 149 | 3520112 | 41.328 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.286 | 276 | 4052802 | 44.665 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.015 | 252 | 3276123 | 44.549 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.068 | 252 | 3244961 | 45.585 | ng | 98 |
| 90) Benzo(a)pyrene | 23.645 | 252 | 3188344 | 44.918 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 26.298 | 278 | 3419844 | 44.323 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.056 | 276 | 3383592 | 44.915 | ng | 98 |

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

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