Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013685.D
Acq On : 31 Jan 2023 21:38
Operator : CG/JU
Sample : PB150501BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB150501BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 06:33:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.140 | 152 | 266034 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.969 | 136 | 927052 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.775 | 164 | 568324 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.528 | 188 | 1187851 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.604 | 240 | 1042325 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.180 | 264 | 1120907 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.675 | 112 | 1669443 | 107.273 | ng | 0.00 |
| 7) Phenol-d6 | 7.287 | 99 | 2104936 | 101.525 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.316 | 82 | 1142394 | 71.682 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.263 | 330 | 855169 | 100.322 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.398 | 172 | 2965036 | 73.002 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.057 | 244 | 3991337 | 76.040 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.516 | 88 | 290703 | 44.153 | ng | 99 |
| 3) Pyridine | 3.934 | 79 | 744696 | 39.284 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.834 | 42 | 294747 | 43.363 | ng | 99 |
| 6) Aniline | 7.457 | 93 | 965938 | 35.737 | ng | 99 |
| 8) 2-Chlorophenol | 7.699 | 128 | 750335 | 45.797 | ng | 99 |
| 9) Benzaldehyde | 7.269 | 77 | 520438 | 55.455 | ng | 98 |
| 10) Phenol | 7.316 | 94 | 979419 | 45.220 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.552 | 93 | 760533 | 43.957 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 8.028 | 146 | 857690 | 46.473 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 8.175 | 146 | 881454 | 47.203 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.499 | 146 | 829972 | 46.448 | ng | 99 |
| 15) Benzyl Alcohol | 8.381 | 79 | 631574 | 43.019 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.675 | 45 | 878516 | 43.476 | ng | 100 |
| 17) 2-Methylphenol | 8.581 | 107 | 624474 | 41.144 | ng | 99 |
| 18) Hexachloroethane | 9.234 | 117 | 291416 | 47.326 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.951 | 70 | 532311 | 40.921 | ng | 99 |
| 20) 3+4-Methylphenols | 8.910 | 107 | 836830 | 40.416 | ng | 98 |
| 22) Acetophenone | 8.969 | 105 | 1080877 | 44.711 | ng | 99 |
| 24) Nitrobenzene | 9.357 | 77 | 784485 | 45.382 | ng | 99 |
| 25) Isophorone | 9.887 | 82 | 1467206 | 41.536 | ng | 99 |
| 26) 2-Nitrophenol | 10.075 | 139 | 345936 | 43.489 | ng | 99 |
| 27) 2,4-Dimethylphenol | 10.122 | 122 | 665002 | 46.649 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.363 | 93 | 934499 | 44.139 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.610 | 162 | 721224 | 46.482 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.828 | 180 | 819887 | 47.622 | ng | 99 |
| 31) Naphthalene | 11.022 | 128 | 2162258 | 44.359 | ng | 99 |
| 32) Benzoic acid | 10.251 | 122 | 435698 | 39.012 | ng | 100 |
| 33) 4-Chloroaniline | 11.122 | 127 | 317124 | 14.806 | ng | 98 |
| 34) Hexachlorobutadiene | 11.304 | 225 | 521517 | 47.721 | ng | 98 |
| 35) Caprolactam | 11.910 | 113 | 192523 | 37.782 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 12.234 | 107 | 673356 | 41.256 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.616 | 142 | 1524752 | 41.602 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.834 | 142 | 1403146 | 40.755 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.975 | 216 | 946907 | 48.803 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.957 | 237 | 1178883 | 133.119 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 13.210 | 196 | 600467 | 46.998 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.281 | 196 | 646426 | 43.213 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.610 | 154 | 1992609 | 46.332 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.657 | 162 | 1577340 | 47.448 | ng | 99 |
| 48) 2-Nitroaniline | 13.857 | 65 | 322437 | 39.497 | ng | 98 |
| 49) Acenaphthylene | 14.498 | 152 | 2385413 | 44.496 | ng | 100 |
| 50) Dimethylphthalate | 14.228 | 163 | 1852807 | 42.149 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.345 | 165 | 371428 | 41.551 | ng | 97 |
| 52) Acenaphthene | 14.839 | 154 | 1660969m | 48.125 | ng | |
| 53) 3-Nitroaniline | 14.675 | 138 | 219819 | 24.317 | ng | 93 |
| 54) 2,4-Dinitrophenol | 14.881 | 184 | 438023 | 74.937 | ng | 99 |
| 55) Dibenzofuran | 15.175 | 168 | 2324721 | 43.039 | ng | 99 |
| 56) 4-Nitrophenol | 14.975 | 139 | 643626 | 84.448 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 15.128 | 165 | 486942 | 40.842 | ng | 96 |
| 58) Fluorene | 15.822 | 166 | 1803001 | 42.515 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.392 | 232 | 572572 | 44.018 | ng | 99 |
| 60) Diethylphthalate | 15.586 | 149 | 1702279 | 40.395 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.810 | 204 | 986706 | 42.726 | ng | 99 |
| 62) 4-Nitroaniline | 15.839 | 138 | 343562 | 36.464 | ng | 99 |
| 63) Azobenzene | 16.104 | 77 | 1639972 | 42.128 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.892 | 198 | 272660 | 40.606 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 16.028 | 169 | 1565837 | 45.305 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.710 | 248 | 628136 | 46.130 | ng | 98 |
| 68) Hexachlorobenzene | 16.828 | 284 | 735010 | 48.747 | ng | 99 |
| 69) Atrazine | 16.975 | 200 | 553721 | 49.235 | ng | 100 |
| 70) Pentachlorophenol | 17.169 | 266 | 910661 | 81.877 | ng | 100 |
| 71) Phenanthrene | 17.569 | 178 | 2809058 | 44.120 | ng | 99 |
| 72) Anthracene | 17.663 | 178 | 2867210 | 44.606 | ng | 99 |
| 73) Carbazole | 17.927 | 167 | 2497697 | 42.793 | ng | 99 |
| 74) Di-n-butylphthalate | 18.457 | 149 | 2661317 | 41.667 | ng | 100 |
| 75) Fluoranthene | 19.522 | 202 | 3215198 | 40.563 | ng | 99 |
| 77) Benzidine | 19.692 | 184 | 1517406 | 67.399 | ng | 99 |
| 78) Pyrene | 19.874 | 202 | 3347276 | 47.733 | ng | 100 |
| 80) Butylbenzylphthalate | 20.727 | 149 | 862762 | 45.067 | ng | 99 |
| 81) Benzo(a)anthracene | 21.586 | 228 | 3208130 | 44.312 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.510 | 252 | 787247 | 34.394 | ng | 98 |
| 83) Chrysene | 21.645 | 228 | 3032152 | 43.959 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.486 | 149 | 1386742 | 42.544 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.468 | 149 | 2458328 | 41.301 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.898 | 276 | 3900672 | 45.758 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.386 | 252 | 3176495 | 47.151 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.439 | 252 | 3239692 | 48.011 | ng | 100 |
| 90) Benzo(a)pyrene | 24.068 | 252 | 2841860 | 42.497 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.921 | 278 | 3248567 | 45.910 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.739 | 276 | 3196971 | 45.490 | ng | 100 |

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

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