Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014090.D
Acq On : 14 Mar 2023 19:26
Operator : CG/JU
Sample : PB151373BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 15 04:35:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB151373BSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.069 | 152 | 139579 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.893 | 136 | 492424 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.704 | 164 | 288246 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.463 | 188 | 594479 | 20.000 | ng | # 0.00 |
| 76) Chrysene-d12 | 21.545 | 240 | 510827 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.074 | 264 | 513759 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.611 | 112 | 1014001 | 117.815 | ng | 0.00 |
| 7) Phenol-d6 | 7.222 | 99 | 1293590 | 114.477 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.240 | 82 | 837070 | 77.695 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.198 | 330 | 503423 | 107.719 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.328 | 172 | 1718030 | 77.220 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.998 | 244 | 2335038 | 75.375 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.464 | 88 | 188427 | 50.395 | ng | 95 |
| 3) Pyridine | 3.881 | 79 | 483968 | 46.609 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.787 | 42 | 214379 | 46.512 | ng | 99 |
| 6) Aniline | 7.387 | 93 | 573166 | 38.614 | ng | 98 |
| 8) 2-Chlorophenol | 7.628 | 128 | 474892 | 51.517 | ng | 95 |
| 9) Benzaldehyde | 7.199 | 77 | 230287m | 40.724 | ng | |
| 10) Phenol | 7.252 | 94 | 611832 | 52.024 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.487 | 93 | 488881 | 52.501 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.952 | 146 | 546984 | 53.998 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 8.105 | 146 | 549757 | 53.646 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.422 | 146 | 524616 | 53.448 | ng | 99 |
| 15) Benzyl Alcohol | 8.310 | 79 | 462758 | 50.229 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.587 | 45 | 615084m | 60.672 | ng | |
| 17) 2-Methylphenol | 8.510 | 107 | 402848 | 48.029 | ng | 98 |
| 18) Hexachloroethane | 9.157 | 117 | 212557 | 55.213 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.881 | 70 | 384159 | 51.650 | ng | 99 |
| 20) 3+4-Methylphenols | 8.840 | 107 | 530197 | 46.937 | ng | 98 |
| 22) Acetophenone | 8.899 | 105 | 731612 | 52.968 | ng | 99 |
| 24) Nitrobenzene | 9.287 | 77 | 576638 | 52.309 | ng | 99 |
| 25) Isophorone | 9.810 | 82 | 1015463 | 51.152 | ng | 97 |
| 26) 2-Nitrophenol | 9.999 | 139 | 250603 | 52.263 | ng | 97 |
| 27) 2,4-Dimethylphenol | 10.052 | 122 | 418278 | 53.649 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.293 | 93 | 619743 | 53.938 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.534 | 162 | 438663 | 51.399 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.752 | 180 | 503669 | 51.982 | ng | 99 |
| 31) Naphthalene | 10.940 | 128 | 1398504 | 51.685 | ng | 99 |
| 32) Benzoic acid | 10.199 | 122 | 263046 | 41.123 | ng | 92 |
| 33) 4-Chloroaniline | 11.051 | 127 | 181432 | 15.642 | ng | 98 |
| 34) Hexachlorobutadiene | 11.222 | 225 | 349247 | 49.577 | ng | 98 |
| 35) Caprolactam | 11.846 | 113 | 118489 | 48.503 | ng | 88 |
| 36) 4-Chloro-3-methylphenol | 12.169 | 107 | 480037 | 50.433 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.540 | 142 | 953044 | 47.743 | ng | 97 |
| 38) 1-Methylnaphthalene | 12.757 | 142 | 880145 | 47.300 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.904 | 216 | 571552 | 52.020 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 12.881 | 237 | 847881 | 122.966 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 13.145 | 196 | 354571 | 51.055 | ng | 98 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.216 | 196 | 380363 | 47.264 | ng | | 99 |
| 46) | 1,1'-Biphenyl | 13.540 | 154 | 1242850 | 53.568 | ng | | 98 |
| 47) | 2-Chloronaphthalene | 13.587 | 162 | 964586 | 54.006 | ng | | 99 |
| 48) | 2-Nitroaniline | 13.793 | 65 | 299208 | 55.200 | ng | | 97 |
| 49) | Acenaphthylene | 14.434 | 152 | 1477886 | 52.031 | ng | | 100 |
| 50) | Dimethylphthalate | 14.157 | 163 | 1181643 | 49.691 | ng | | 99 |
| 51) | 2,6-Dinitrotoluene | 14.281 | 165 | 258104 | 51.541 | ng | | 97 |
| 52) | Acenaphthene | 14.775 | 154 | 879658 | 51.447 | ng | | 99 |
| 53) | 3-Nitroaniline | 14.616 | 138 | 156322 | 31.852 | ng | | 95 |
| 54) | 2,4-Dinitrophenol | 14.822 | 184 | 319141 | 85.722 | ng | | 96 |
| 55) | Dibenzofuran | 15.104 | 168 | 1413603 | 50.712 | ng | | 99 |
| 56) | 4-Nitrophenol | 14.922 | 139 | 395119 | 98.869 | ng | | 93 |
| 57) | 2,4-Dinitrotoluene | 15.069 | 165 | 346582 | 51.775 | ng | # | 98 |
| 58) | Fluorene | 15.757 | 166 | 1114018 | 50.332 | ng | | 98 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.328 | 232 | 339725 | 48.389 | ng | | 97 |
| 60) | Diethylphthalate | 15.516 | 149 | 1173981 | 50.002 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.745 | 204 | 606926 | 48.372 | ng | | 99 |
| 62) | 4-Nitroaniline | 15.781 | 138 | 238580 | 48.822 | ng | | 89 |
| 63) | Azobenzene | 16.039 | 77 | 1188247 | 54.693 | ng | | 96 |
| 65) | 4,6-Dinitro-2-methylph... | 15.834 | 198 | 198651 | 45.114 | ng | | 98 |
| 66) | n-Nitrosodiphenylamine | 15.963 | 169 | 960228 | 51.116 | ng | | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.645 | 248 | 375722 | 47.781 | ng | | 97 |
| 68) | Hexachlorobenzene | 16.763 | 284 | 434930 | 51.601 | ng | | 99 |
| 69) | Atrazine | 16.910 | 200 | 359816 | 54.557 | ng | | 99 |
| 70) | Pentachlorophenol | 17.110 | 266 | 532299 | 87.567 | ng | | 98 |
| 71) | Phenanthrene | 17.504 | 178 | 1691443 | 50.931 | ng | | 99 |
| 72) | Anthracene | 17.598 | 178 | 1730391 | 50.993 | ng | | 100 |
| 73) | Carbazole | 17.863 | 167 | 1503461 | 51.363 | ng | | 100 |
| 74) | Di-n-butylphthalate | 18.392 | 149 | 1934392 | 52.855 | ng | | 100 |
| 75) | Fluoranthene | 19.457 | 202 | 1946596 | 49.039 | ng | | 98 |
| 77) | Benzidine | 19.633 | 184 | 828324 | 84.459 | ng | | 100 |
| 78) | Pyrene | 19.810 | 202 | 2017733 | 51.462 | ng | | 100 |
| 80) | Butylbenzylphthalate | 20.669 | 149 | 794914 | 53.478 | ng | | 97 |
| 81) | Benzo(a)anthracene | 21.527 | 228 | 1892606 | 50.495 | ng | | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.451 | 252 | 482722 | 40.250 | ng | | 99 |
| 83) | Chrysene | 21.580 | 228 | 1757556 | 49.516 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.422 | 149 | 1188025 | 54.480 | ng | | 99 |
| 85) | Di-n-octyl phthalate | 22.386 | 149 | 1950109 | 55.091 | ng | | 98 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.745 | 276 | 2071608 | 52.186 | ng | | 98 |
| 88) | Benzo(b)fluoranthene | 23.298 | 252 | 1811692 | 53.853 | ng | | 99 |
| 89) | Benzo(k)fluoranthene | 23.351 | 252 | 1791941 | 53.724 | ng | | 99 |
| 90) | Benzo(a)pyrene | 23.963 | 252 | 1573271 | 49.030 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 26.757 | 278 | 1718334 | 52.068 | ng | | 98 |
| 92) | Benzo(g,h,i)perylene | 27.562 | 276 | 1698751 | 51.941 | ng | | 98 |

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

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