Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
Data File : BP003623.D
Acq On : 15 Oct 2020 14:14
Operator : CG/JU
Sample : PB132384BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** PB132384BS

Quant Time: Oct 15 14:55:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:03:23 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.540 | 152 | 129589 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.393 | 136 | 450691 | 20.00 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 15.145 | 164 | 279607 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.863 | 188 | 563729 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.874 | 240 | 501064 | 20.00 | ng | # 0.00 |
| 86) Perylene-d12 | 24.451 | 264 | 472213 | 20.00 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 6.034 | 112 | 850674 | 112.85 | ng | 0.00 |
| 7) Phenol-d6 | 7.687 | 99 | 1104966 | 100.63 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.710 | 82 | 694732 | 71.47 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.616 | 330 | 401618 | 107.73 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.775 | 172 | 1410409 | 66.18 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.327 | 244 | 1883685 | 68.02 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.699 | 88 | 128359 | 39.75 | ng | # 86 |
| 3) Pyridine | 4.140 | 79 | 356391 | 37.88 | ng | # 90 |
| 4) n-Nitrosodimethylamine | 4.034 | 42 | 168952 | 41.78 | ng | # 62 |
| 6) Aniline | 7.834 | 93 | 380352 | 29.60 | ng | # 86 |
| 8) 2-Chlorophenol | 8.104 | 128 | 325701 | 42.50 | ng | # 81 |
| 9) Benzaldehyde | 7.634 | 77 | 190878 | 32.38 | ng | # 79 |
| 10) Phenol | 7.716 | 94 | 438307 | 41.34 | ng | 77 |
| 11) bis(2-Chloroethyl)ether | 7.922 | 93 | 340693 | 40.02 | ng | 91 |
| 12) 1,3-Dichlorobenzene | 8.440 | 146 | 398872 | 40.03 | ng | # 92 |
| 13) 1,4-Dichlorobenzene | 8.581 | 146 | 400599 | 40.07 | ng | # 93 |
| 14) 1,2-Dichlorobenzene | 8.916 | 146 | 379554 | 39.59 | ng | 94 |
| 15) Benzyl Alcohol | 8.769 | 79 | 350960 | 39.79 | ng | # 82 |
| 16) 2,2'-oxybis(1-Chloropr... | 9.069 | 45 | 322904 | 37.05 | ng | 99 |
| 17) 2-Methylphenol | 8.987 | 107 | 286238 | 39.84 | ng | # 87 |
| 18) Hexachloroethane | 9.669 | 117 | 156114 | 40.17 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 9.346 | 70 | 273350 | 37.35 | ng | # 85 |
| 20) 3+4-Methylphenols | 9.316 | 107 | 379205 | 39.65 | ng | 91 |
| 22) Acetophenone | 9.363 | 105 | 534296 | 40.15 | ng | # 88 |
| 24) Nitrobenzene | 9.751 | 77 | 417633 | 43.64 | ng | # 75 |
| 25) Isophorone | 10.281 | 82 | 720351 | 39.71 | ng | # 89 |
| 26) 2-Nitrophenol | 10.481 | 139 | 156117 | 53.94 | ng | # 64 |
| 27) 2,4-Dimethylphenol | 10.534 | 122 | 289334 | 48.40 | ng | # 81 |
| 28) bis(2-Chloroethoxy)met... | 10.751 | 93 | 423889 | 38.01 | ng | 98 |
| 29) 2,4-Dichlorophenol | 11.034 | 162 | 315456 | 42.28 | ng | 95 |
| 30) 1,2,4-Trichlorobenzene | 11.257 | 180 | 391346 | 39.54 | ng | 98 |
| 31) Naphthalene | 11.445 | 128 | 974306 | 40.32 | ng | 99 |
| 32) Benzoic acid | 10.675 | 122 | 139418 | 43.79 | ng | # 61 |
| 33) 4-Chloroaniline | 11.522 | 127 | 184732 | 17.71 | ng | # 85 |
| 34) Hexachlorobutadiene | 11.751 | 225 | 284632 | 38.80 | ng | 98 |
| 35) Caprolactam | 12.245 | 113 | 83568 | 35.34 | ng | # 54 |
| 36) 4-Chloro-3-methylphenol | 12.622 | 107 | 335748 | 39.42 | ng | # 81 |
| 37) 2-Methylnaphthalene | 13.010 | 142 | 702210 | 39.06 | ng | # 95 |
| 38) 1-Methylnaphthalene | 13.228 | 142 | 646462 | 38.25 | ng | # 99 |
| 40) 1,2,4,5-Tetrachloroben... | 13.381 | 216 | 460918 | 43.48 | ng | # 98 |
| 41) Hexachlorocyclopentadiene | 13.375 | 237 | 696720 | 117.93 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 13.598 | 196 | 254724 | 43.33 | ng | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.675 | 196 | 272188 | 44.09 | ng | # | 94 |
| 46) 1,1'-Biphenyl | 13.987 | 154 | 886718 | 41.04 | ng | | 98 |
| 47) 2-Chloronaphthalene | 14.034 | 162 | 708473 | 39.39 | ng | | 98 |
| 48) 2-Nitroaniline | 14.204 | 65 | 197085 | 39.35 | ng | # | 57 |
| 49) Acenaphthylene | 14.869 | 152 | 1034677 | 39.49 | ng | | 100 |
| 50) Dimethylphthalate | 14.569 | 163 | 842765 | 36.71 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.681 | 165 | 182760 | 44.20 | ng | # | 63 |
| 52) Acenaphthene | 15.210 | 154 | 731658 | 42.87 | ng | | 87 |
| 53) 3-Nitroaniline | 15.010 | 138 | 97086 | 23.29 | ng | # | 57 |
| 54) 2,4-Dinitrophenol | 15.216 | 184 | 160065 | 77.14 | ng | # | 1 |
| 55) Dibenzofuran | 15.534 | 168 | 1026877 | 38.71 | ng | | 97 |
| 56) 4-Nitrophenol | 15.316 | 139 | 254675 | 85.08 | ng | # | 40 |
| 57) 2,4-Dinitrotoluene | 15.463 | 165 | 236656 | 39.93 | ng | # | 64 |
| 58) Fluorene | 16.181 | 166 | 815137 | 37.98 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.763 | 232 | 240136 | 42.29 | ng | | 93 |
| 60) Diethylphthalate | 15.910 | 149 | 821334 | 36.40 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 16.157 | 204 | 484416 | 38.09 | ng | | 95 |
| 62) 4-Nitroaniline | 16.163 | 138 | 156522 | 33.74 | ng | # | 52 |
| 63) Azobenzene | 16.445 | 77 | 812210 | 37.41 | ng | | 85 |
| 65) 4,6-Dinitro-2-methylph... | 16.233 | 198 | 119719 | 48.98 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 16.363 | 169 | 703937 | 41.81 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 17.039 | 248 | 297681 | 40.23 | ng | | 96 |
| 68) Hexachlorobenzene | 17.204 | 284 | 334378 | 39.57 | ng | | 97 |
| 69) Atrazine | 17.280 | 200 | 226668 | 34.54 | ng | | 98 |
| 70) Pentachlorophenol | 17.528 | 266 | 369725 | 96.17 | ng | | 99 |
| 71) Phenanthrene | 17.904 | 178 | 1236841 | 39.49 | ng | | 99 |
| 72) Anthracene | 17.992 | 178 | 1254590 | 41.07 | ng | | 99 |
| 73) Carbazole | 18.233 | 167 | 1050616 | 38.09 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.739 | 149 | 1278255 | 38.04 | ng | # | 98 |
| 75) Fluoranthene | 19.816 | 202 | 1439546 | 37.13 | ng | | 98 |
| 77) Benzidine | 19.951 | 184 | 534815 | 45.53 | ng | | 99 |
| 78) Pyrene | 20.163 | 202 | 1439744 | 43.23 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.963 | 149 | 501406 | 43.10 | ng | # | 79 |
| 81) Benzo(a)anthracene | 21.857 | 228 | 1329944 | 39.47 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.757 | 252 | 293808 | 24.67 | ng | | 97 |
| 83) Chrysene | 21.916 | 228 | 1262087 | 39.60 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.716 | 149 | 734761 | 41.62 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.680 | 149 | 1186763 | 41.64 | ng | # | 92 |
| 87) Indeno(1,2,3-cd)pyrene | 27.151 | 276 | 1364991 | 38.09 | ng | # | 91 |
| 88) Benzo(b)fluoranthene | 23.663 | 252 | 1295429 | 39.48 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.715 | 252 | 1266924 | 41.12 | ng | # | 96 |
| 90) Benzo(a)pyrene | 24.339 | 252 | 1127713 | 38.16 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 27.151 | 278 | 1164166 | 38.95 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 27.986 | 276 | 1112889 | 39.45 | ng | # | 91 |

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

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