Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
Data File : BP004532.D
Acq On : 13 Jan 2021 12:02
Operator : CG/JU
Sample : PB134068BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 13 12:34:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB134068BS

**Manual Integrations APPROVED**
mohammad
1/14/2021 3:50:03 PM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.811 | 152 | 225958 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.610 | 136 | 861134 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.463 | 164 | 541684 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.222 | 188 | 1146836 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.322 | 240 | 1157771 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.669 | 264 | 1237861 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.405 | 112 | 1557636 | 120.15 | ng | | 0.00 |
| 7) Phenol-d6 | 6.987 | 99 | 1879394 | 105.84 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.969 | 82 | 1073448 | 70.48 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.963 | 330 | 1046325 | 111.10 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.081 | 172 | 2988370 | 71.72 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.786 | 244 | 4280026 | 67.54 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.334 | 88 | 175765 | 33.54 | ng | | 93 |
| 3) Pyridine | 3.723 | 79 | 480948 | 34.25 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.634 | 42 | 178253 | 40.15 | ng | | 84 |
| 6) Aniline | 7.140 | 93 | 515422 | 25.52 | ng | | 96 |
| 8) 2-Chlorophenol | 7.381 | 128 | 624223 | 42.40 | ng | | 95 |
| 9) Benzaldehyde | 6.952 | 77 | 84966 | 8.38 | ng | | 91 |
| 10) Phenol | 7.016 | 94 | 697723 | 40.98 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.234 | 93 | 541978 | 39.78 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.705 | 146 | 712768 | 39.16 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.846 | 146 | 728686 | 39.57 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.163 | 146 | 694237 | 39.48 | ng | | 100 |
| 15) Benzyl Alcohol | 8.052 | 79 | 462787 | 40.23 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.340 | 45 | 520989 | 36.06 | ng | | 95 |
| 17) 2-Methylphenol | 8.258 | 107 | 486075 | 40.46 | ng | | 98 |
| 18) Hexachloroethane | 8.887 | 117 | 243549 | 38.27 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.616 | 70 | 359638 | 36.11 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.587 | 107 | 652182 | 39.79 | ng | | 99 |
| 22) Acetophenone | 8.634 | 105 | 818839 | 38.52 | ng | # | 97 |
| 24) Nitrobenzene | 9.016 | 77 | 574472 | 38.55 | ng | | 92 |
| 25) Isophorone | 9.534 | 82 | 1048851 | 38.19 | ng | | 96 |
| 26) 2-Nitrophenol | 9.722 | 139 | 341454 | 41.56 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.787 | 122 | 540356 | 47.49 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.022 | 93 | 689663 | 36.59 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.263 | 162 | 615763 | 40.75 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.475 | 180 | 697737 | 38.39 | ng | | 98 |
| 31) Naphthalene | 10.657 | 128 | 1843282 | 38.97 | ng | | 100 |
| 32) Benzoic acid | 9.940 | 122 | 312594 | 35.93 | ng | | 91 |
| 33) 4-Chloroaniline | 10.769 | 127 | 208570 | 10.21 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.946 | 225 | 461777 | 37.80 | ng | | 98 |
| 35) Caprolactam | 11.546 | 113 | 170842 | 35.41 | ng | # | 77 |
| 36) 4-Chloro-3-methylphenol | 11.910 | 107 | 558736 | 38.84 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.275 | 142 | 1331025 | 38.28 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.499 | 142 | 1232616 | 37.34 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.651 | 216 | 790719 | 40.64 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.628 | 237 | 848096 | 76.35 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.893 | 196 | 507501 | 40.07 | ng | | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.969 | 196 | 535603 | 40.69 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.293 | 154 | 1687098 | 38.96 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.334 | 162 | 1352968 | 37.75 | ng | | 98 |
| 48) 2-Nitroaniline | 13.540 | 65 | 291986 | 35.23 | ng | | 85 |
| 49) Acenaphthylene | 14.187 | 152 | 2068800 | 38.64 | ng | | 100 |
| 50) Dimethylphthalate | 13.922 | 163 | 1662735 | 37.04 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.040 | 165 | 373502 | 39.03 | ng | | 95 |
| 52) Acenaphthene | 14.528 | 154 | 1231433 | 37.73 | ng | | 98 |
| 53) 3-Nitroaniline | 14.369 | 138 | 177110 | 17.01 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.593 | 184 | 407596 | 64.73 | ng | | 96 |
| 55) Dibenzofuran | 14.863 | 168 | 2033874 | 38.48 | ng | | 98 |
| 56) 4-Nitrophenol | 14.698 | 139 | 563945 | 78.00 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 14.840 | 165 | 505413 | 38.63 | ng | | 97 |
| 58) Fluorene | 15.522 | 166 | 1620183 | 38.40 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.098 | 232 | 496302 | 40.17 | ng | # | 88 |
| 60) Diethylphthalate | 15.292 | 149 | 1594786 | 36.33 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204 | 898069 | 37.66 | ng | | 91 |
| 62) 4-Nitroaniline | 15.540 | 138 | 352032 | 32.00 | ng | | 96 |
| 63) Azobenzene | 15.804 | 77 | 1218792 | 36.67 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 198 | 289791 | 43.38 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.728 | 169 | 1423939 | 40.05 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.410 | 248 | 600505 | 39.18 | ng | | 93 |
| 68) Hexachlorobenzene | 16.534 | 284 | 720432 | 39.35 | ng | | 93 |
| 69) Atrazine | 16.687 | 200 | 448546 | 35.87 | ng | | 96 |
| 70) Pentachlorophenol | 16.881 | 266 | 713812 | 86.88 | ng | | 95 |
| 71) Phenanthrene | 17.269 | 178 | 2552577 | 38.82 | ng | | 100 |
| 72) Anthracene | 17.357 | 178 | 2608417 | 40.94 | ng | | 100 |
| 73) Carbazole | 17.634 | 167 | 2286015 | 38.50 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.181 | 149 | 2610429 | 36.37 | ng | | 99 |
| 75) Fluoranthene | 19.239 | 202 | 3069513 | 38.37 | ng | | 99 |
| 77) Benzidine | 19.416 | 184 | 1009750 | 33.34 | ng | | 100 |
| 78) Pyrene | 19.592 | 202 | 3102936 | 39.39 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.463 | 149 | 1133529 | 35.57 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.304 | 228 | 3037927 | 38.58 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.233 | 252 | 729978 | 25.72 | ng | | 98 |
| 83) Chrysene | 21.357 | 228 | 2913021 | 38.86 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.222 | 149 | 1671597 | 36.74 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.127 | 149 | 2808887 | 36.36 | ng | # | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 26.104 | 276 | 4129853 | 43.23 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 22.957 | 252 | 3248114 | 40.54 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.010 | 252 | 3224616m | 42.20 | ng | | |
| 90) Benzo(a)pyrene | 23.569 | 252 | 2986309 | 39.96 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.110 | 278 | 3452420 | 43.80 | ng | # | 97 |
| 92) Benzo(g,h,i)perylene | 26.839 | 276 | 3480898 | 44.84 | ng | # | 96 |

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

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