Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006748.D
Acq On : 18 Aug 2021 16:57
Operator : CG/JU
Sample : M3394-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 18:23:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SWCS-01-0205MSD

**Manual Integrations APPROVED**
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8/19/2021 1:27:35 PM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.699 | 152 | 164489 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.487 | 136 | 669808 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.345 | 164 | 374821 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.104 | 188 | 755975 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.216 | 240 | 737837 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.527 | 264 | 781915 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.305 | 112 | 868041 | 81.055 | ng | | 0.00 |
| 7) Phenol-d6 | 6.893 | 99 | 1107733 | 72.816 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.863 | 82 | 760951 | 52.438 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.845 | 330 | 344567 | 87.961 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.969 | 172 | 1369696 | 54.672 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.686 | 244 | 2079803 | 56.482 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.246 | 88 | 196310 | 42.105 | ng | | 95 |
| 3) Pyridine | 3.634 | 79 | 488643 | 35.658 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.552 | 42 | 189276 | 36.595 | ng | # | 73 |
| 6) Aniline | 7.040 | 93 | 526642 | 31.870 | ng | | 97 |
| 8) 2-Chlorophenol | 7.269 | 128 | 512906 | 44.264 | ng | | 94 |
| 9) Benzaldehyde | 6.852 | 77 | 365686 | 39.939 | ng | | 93 |
| 10) Phenol | 6.916 | 94 | 637799 | 41.811 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.140 | 93 | 482724 | 41.676 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.587 | 146 | 547530 | 45.338 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.740 | 146 | 557785 | 45.509 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.046 | 146 | 529510 | 45.023 | ng | | 97 |
| 15) Benzyl Alcohol | 7.952 | 79 | 471534 | 41.332 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.240 | 45 | 531824 | 38.585 | ng | | 96 |
| 17) 2-Methylphenol | 8.157 | 107 | 421042 | 43.712 | ng | | 99 |
| 18) Hexachloroethane | 8.769 | 117 | 220757 | 45.505 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.516 | 70 | 397168 | 38.914 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.487 | 107 | 563349 | 42.969 | ng | | 97 |
| 22) Acetophenone | 8.528 | 105 | 771929 | 43.457 | ng | # | 98 |
| 24) Nitrobenzene | 8.904 | 77 | 610247 | 40.455 | ng | | 92 |
| 25) Isophorone | 9.434 | 82 | 1031738 | 39.584 | ng | | 95 |
| 26) 2-Nitrophenol | 9.610 | 139 | 263913 | 48.074 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.681 | 122 | 444877 | 48.394 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.916 | 93 | 616049 | 44.175 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.140 | 162 | 423509 | 45.504 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.351 | 180 | 450467 | 45.042 | ng | | 97 |
| 31) Naphthalene | 10.534 | 128 | 1542031 | 42.844 | ng | | 100 |
| 32) Benzoic acid | 9.846 | 122 | 346635 | 48.742 | ng | | 91 |
| 33) 4-Chloroaniline | 10.657 | 127 | 259126 | 17.791 | ng | | 96 |
| 34) Hexachlorobutadiene | 10.816 | 225 | 268574 | 46.085 | ng | | 98 |
| 35) Caprolactam | 11.469 | 113 | 152360m | 45.400 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.798 | 107 | 520982 | 44.058 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.157 | 142 | 1056360 | 43.313 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.375 | 142 | 970003 | 41.852 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.528 | 216 | 457495 | 46.635 | ng | # | 95 |
| 41) Hexachlorocyclopentadiene | 12.498 | 237 | 335829 | 64.545 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.775 | 196 | 316854 | 47.302 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.845 | 196 | 345150 | 46.550 | ng | # | 90 |
| 46) 1,1'-Biphenyl | 13.181 | 154 | 1215165 | 42.832 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.216 | 162 | 959697 | 43.927 | ng | | 94 |
| 48) 2-Nitroaniline | 13.434 | 65 | 346791 | 44.978 | ng | | 87 |
| 49) Acenaphthylene | 14.069 | 152 | 1595424 | 45.288 | ng | | 99 |
| 50) Dimethylphthalate | 13.822 | 163 | 1172012 | 42.956 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.939 | 165 | 259604 | 42.641 | ng | # | 81 |
| 52) Acenaphthene | 14.410 | 154 | 925449 | 43.165 | ng | | 98 |
| 53) 3-Nitroaniline | 14.263 | 138 | 158876 | 23.539 | ng | | 82 |
| 54) 2,4-Dinitrophenol | 14.481 | 184 | 134494 | 42.244 | ng | # | 87 |
| 55) Dibenzofuran | 14.745 | 168 | 1440372 | 42.711 | ng | | 93 |
| 56) 4-Nitrophenol | 14.592 | 139 | 547010 | 93.337 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 14.728 | 165 | 370883 | 45.424 | ng | # | 80 |
| 58) Fluorene | 15.398 | 166 | 1185629 | 43.985 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.981 | 232 | 289999 | 46.671 | ng | # | 72 |
| 60) Diethylphthalate | 15.186 | 149 | 1272873 | 44.418 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.398 | 204 | 538249 | 44.094 | ng | # | 87 |
| 62) 4-Nitroaniline | 15.434 | 138 | 267547m | 37.357 | ng | | |
| 63) Azobenzene | 15.692 | 77 | 1433910 | 42.917 | ng | | 92 |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 198 | 92671 | 20.062 | ng | | 73 |
| 66) n-Nitrosodiphenylamine | 15.622 | 169 | 1001467 | 42.147 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.298 | 248 | 326268 | 44.981 | ng | # | 90 |
| 68) Hexachlorobenzene | 16.404 | 284 | 372931 | 45.180 | ng | # | 88 |
| 69) Atrazine | 16.586 | 200 | 361245 | 48.720 | ng | | 97 |
| 70) Pentachlorophenol | 16.757 | 266 | 509107 | 97.209 | ng | | 99 |
| 71) Phenanthrene | 17.151 | 178 | 1849339 | 43.370 | ng | | 99 |
| 72) Anthracene | 17.239 | 178 | 1894976 | 45.990 | ng | | 99 |
| 73) Carbazole | 17.516 | 167 | 1766156 | 42.023 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.086 | 149 | 2313735 | 48.321 | ng | | 100 |
| 75) Fluoranthene | 19.127 | 202 | 2110067 | 44.087 | ng | | 95 |
| 77) Benzidine | 19.322 | 184 | 1917823 | 103.873 | ng | | 99 |
| 78) Pyrene | 19.480 | 202 | 2170202 | 44.035 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.374 | 149 | 1094667 | 50.512 | ng | | 92 |
| 81) Benzo(a)anthracene | 21.198 | 228 | 2079936 | 43.134 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.139 | 252 | 775912 | 61.293 | ng | # | 96 |
| 83) Chrysene | 21.251 | 228 | 2014036 | 43.083 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.139 | 149 | 1632402 | 50.125 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 22.039 | 149 | 2856194 | 53.210 | ng | # | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 25.921 | 276 | 2603921 | 45.927 | ng | # | 91 |
| 88) Benzo(b)fluoranthene | 22.827 | 252 | 2264603 | 44.563 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 22.874 | 252 | 2065950 | 42.342 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.427 | 252 | 2133913 | 46.816 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 25.945 | 278 | 2218586 | 45.258 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 26.656 | 276 | 2173426 | 46.267 | ng | # | 92 |

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

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