Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
Data File : BP005955.D
Acq On : 16 Jun 2021 18:49
Operator : CG/JU
Sample : M2672-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
17-B6(8-12)MS

**Manual Integrations APPROVED**
mohammad
6/17/2021 12:16:31 PM

Quant Time: Jun 17 01:58:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 11:35:30 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.928 | 152 | 71502 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.734 | 136 | 278268 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.557 | 164 | 173210 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 355970 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.375 | 240 | 426512 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.786 | 264 | 497531 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.505 | 112 | 593208 | 133.126 | ng | | 0.00 |
| 7) Phenol-d6 | 7.105 | 99 | 639473 | 110.720 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.099 | 82 | 486381 | 85.694 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.051 | 330 | 405302 | 136.354 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.187 | 172 | 1120173 | 84.922 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.851 | 244 | 1982140 | 87.021 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.376 | 88 | 79869 | 39.674 | ng | # | 47 |
| 3) Pyridine | 3.793 | 79 | 150160 | 31.736 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.693 | 42 | 87783 | 39.913 | ng | | 87 |
| 6) Aniline | 7.258 | 93 | 215758 | 33.461 | ng | | 99 |
| 8) 2-Chlorophenol | 7.499 | 128 | 235926 | 46.178 | ng | | 98 |
| 9) Benzaldehyde | 7.069 | 77 | 126131 | 51.228 | ng | | 97 |
| 10) Phenol | 7.134 | 94 | 231953 | 40.202 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.358 | 93 | 208855 | 47.770 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.816 | 146 | 251156 | 43.963 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.963 | 146 | 259912 | 44.612 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.281 | 146 | 248424 | 44.609 | ng | | 98 |
| 15) Benzyl Alcohol | 8.175 | 79 | 204903 | 47.102 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.458 | 45 | 179764 | 44.479 | ng | | 97 |
| 17) 2-Methylphenol | 8.381 | 107 | 178764 | 45.474 | ng | | 98 |
| 18) Hexachloroethane | 9.011 | 117 | 93441 | 44.340 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.746 | 70 | 161462 | 45.443 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.711 | 107 | 235164 | 44.286 | ng | | 97 |
| 22) Acetophenone | 8.758 | 105 | 338425 | 46.206 | ng | # | 98 |
| 24) Nitrobenzene | 9.140 | 77 | 247866 | 42.055 | ng | | 99 |
| 25) Isophorone | 9.669 | 82 | 425536 | 40.598 | ng | | 100 |
| 26) 2-Nitrophenol | 9.852 | 139 | 122501 | 43.562 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.910 | 122 | 205666 | 49.091 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.146 | 93 | 267055 | 48.818 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.393 | 162 | 217130 | 43.127 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.599 | 180 | 239779 | 42.385 | ng | | 97 |
| 31) Naphthalene | 10.787 | 128 | 696617 | 43.267 | ng | | 100 |
| 32) Benzoic acid | 10.075 | 122 | 112733 | 37.506 | ng | | 94 |
| 33) 4-Chloroaniline | 10.905 | 127 | 79947 | 12.292 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.069 | 225 | 158532 | 41.431 | ng | | 99 |
| 35) Caprolactam | 11.699 | 113 | 53002m | 36.548 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.028 | 107 | 228381 | 44.674 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.393 | 142 | 503463 | 43.920 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.610 | 142 | 465297 | 43.092 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.757 | 216 | 269993 | 44.284 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.734 | 237 | 254566 | 82.888 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.999 | 196 | 178211 | 42.615 | ng | | 96 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.075 | 196 | 195104 | 43.321 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.399 | 154 | 612196 | 43.836 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.440 | 162 | 488745 | 42.857 | ng | | 98 |
| 48) 2-Nitroaniline | 13.646 | 65 | 133148 | 44.406 | ng | | 94 |
| 49) Acenaphthylene | 14.281 | 152 | 762079 | 43.558 | ng | | 99 |
| 50) Dimethylphthalate | 14.022 | 163 | 642658 | 45.126 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.140 | 165 | 140442 | 43.387 | ng | | 98 |
| 52) Acenaphthene | 14.622 | 154 | 452326 | 42.572 | ng | | 99 |
| 53) 3-Nitroaniline | 14.469 | 138 | 85227 | 27.166 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.681 | 184 | 139799 | 73.065 | ng | | 98 |
| 55) Dibenzofuran | 14.957 | 168 | 728972 | 41.720 | ng | | 98 |
| 56) 4-Nitrophenol | 14.787 | 139 | 201233 | 79.134 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.928 | 165 | 194206 | 44.858 | ng | # | 99 |
| 58) Fluorene | 15.604 | 166 | 588574 | 43.233 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.187 | 232 | 170359m | 42.920 | ng | | |
| 60) Diethylphthalate | 15.381 | 149 | 648764 | 45.405 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204 | 303130 | 42.939 | ng | | 98 |
| 62) 4-Nitroaniline | 15.634 | 138 | 137087 | 42.453 | ng | | 95 |
| 63) Azobenzene | 15.893 | 77 | 538923 | 41.690 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 15.693 | 198 | 98846 | 37.786 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.816 | 169 | 521738 | 44.198 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.492 | 248 | 202805 | 44.388 | ng | | 98 |
| 68) Hexachlorobenzene | 16.610 | 284 | 242890 | 44.351 | ng | | 98 |
| 69) Atrazine | 16.769 | 200 | 200943 | 54.714 | ng | | 99 |
| 70) Pentachlorophenol | 16.957 | 266 | 300998 | 98.846 | ng | | 98 |
| 71) Phenanthrene | 17.345 | 178 | 953168 | 44.587 | ng | | 99 |
| 72) Anthracene | 17.439 | 178 | 961608 | 45.705 | ng | | 100 |
| 73) Carbazole | 17.710 | 167 | 881549 | 43.641 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.251 | 149 | 1139444 | 48.687 | ng | | 100 |
| 75) Fluoranthene | 19.304 | 202 | 1172597 | 45.167 | ng | | 98 |
| 77) Benzidine | 19.486 | 184 | 331363 | 37.337 | ng | | 100 |
| 78) Pyrene | 19.657 | 202 | 1220933 | 41.005 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.522 | 149 | 561059 | 45.801 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.363 | 228 | 1305846 | 42.414 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.292 | 252 | 344674 | 32.381 | ng | | 99 |
| 83) Chrysene | 21.416 | 228 | 1299721 | 43.585 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149 | 861562 | 47.956 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.198 | 149 | 1559426 | 48.521 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.333 | 276 | 1875207 | 44.074 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.051 | 252 | 1534758 | 45.039 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.098 | 252 | 1453051 | 43.974 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.680 | 252 | 1468356 | 45.833 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.339 | 278 | 1625554 | 44.390 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.110 | 276 | 1595062 | 44.093 | ng | | 99 |

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

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