Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
Data File : BP019809.D
Acq On : 21 Feb 2024 15:47
Operator : MA/JU
Sample : P1523-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20240765-COMPOSITE-39N-N-3-03MS

Quant Time: Feb 21 16:13:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.893 | 152 | 73752 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.692 | 136 | 260119 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.528 | 164 | 170101 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.286 | 188 | 372111 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.380 | 240 | 405956 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 23.792 | 264 | 500514 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.469 | 112 | 429863 | 93.951 | ng | | 0.00 |
| 7) Phenol-d6 | 7.069 | 99 | 536041 | 86.888 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.063 | 82 | 376883 | 62.782 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.027 | 330 | 281899 | 113.504 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.157 | 172 | 749569 | 54.476 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.851 | 244 | 1171670 | 47.465 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.375 | 88 | 64238 | 36.441 | ng | # | 83 |
| 3) Pyridine | 3.775 | 79 | 167455 | 35.038 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.699 | 42 | 86290 | 41.471 | ng | | 98 |
| 6) Aniline | 7.228 | 93 | 166558 | 27.785 | ng | | 99 |
| 8) 2-Chlorophenol | 7.457 | 128 | 196530 | 41.838 | ng | | 97 |
| 9) Benzaldehyde | 7.046 | 77 | 37947m | 8.773 | ng | | |
| 10) Phenol | 7.093 | 94 | 244108 | 39.700 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.334 | 93 | 191486 | 40.028 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.781 | 146 | 231624 | 40.297 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.928 | 146 | 239782 | 41.176 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.240 | 146 | 226064 | 40.122 | ng | | 98 |
| 15) Benzyl Alcohol | 8.146 | 79 | 196837m | 39.932 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.416 | 45 | 186802 | 39.050 | ng | | 99 |
| 17) 2-Methylphenol | 8.345 | 107 | 157676 | 38.089 | ng | | 99 |
| 18) Hexachloroethane | 8.963 | 117 | 90861 | 40.254 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.710 | 70 | 160707 | 38.137 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.675 | 107 | 214942 | 38.046 | ng | | 98 |
| 22) Acetophenone | 8.728 | 105 | 309634 | 41.784 | ng | # | 98 |
| 24) Nitrobenzene | 9.110 | 77 | 237478 | 39.291 | ng | | 98 |
| 25) Isophorone | 9.634 | 82 | 420766 | 40.247 | ng | | 99 |
| 26) 2-Nitrophenol | 9.810 | 139 | 106756 | 46.323 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.875 | 122 | 118082 | 40.070 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.116 | 93 | 239092 | 40.421 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.345 | 162 | 194233 | 43.603 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.557 | 180 | 237353 | 43.456 | ng | | 98 |
| 31) Naphthalene | 10.739 | 128 | 588077 | 41.221 | ng | | 99 |
| 32) Benzoic acid | 10.022 | 122 | 130398 | 45.417 | ng | | 97 |
| 33) 4-Chloroaniline | 10.869 | 127 | 82138 | 15.568 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.010 | 225 | 177054 | 43.744 | ng | | 97 |
| 35) Caprolactam | 11.675 | 113 | 55246 | 43.809 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.992 | 107 | 203574 | 41.911 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.351 | 142 | 406610 | 41.184 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.569 | 142 | 388203 | 40.011 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.716 | 216 | 292549 | 44.595 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.681 | 237 | 343524 | 115.916 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.963 | 196 | 176709 | 44.485 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.039 | 196 | 188693 | 43.259 | ng | 96 |
| 46) | 1,1'-Biphenyl | 13.363 | 154 | 554942 | 40.876 | ng | 99 |
| 47) | 2-Chloronaphthalene | 13.410 | 162 | 443445 | 39.790 | ng | 97 |
| 48) | 2-Nitroaniline | 13.622 | 65 | 133792 | 42.934 | ng | 98 |
| 49) | Acenaphthylene | 14.251 | 152 | 689733 | 44.113 | ng | 99 |
| 50) | Dimethylphthalate | 13.998 | 163 | 553238 | 42.486 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 14.128 | 165 | 121481 | 42.462 | ng | 94 |
| 52) | Acenaphthene | 14.592 | 154 | 388928 | 40.078 | ng | 95 |
| 53) | 3-Nitroaniline | 14.451 | 138 | 90943 | 34.589 | ng | 92 |
| 54) | 2,4-Dinitrophenol | 14.663 | 184 | 152225 | 102.478 | ng | 96 |
| 55) | Dibenzofuran | 14.928 | 168 | 670339 | 42.412 | ng | 100 |
| 56) | 4-Nitrophenol | 14.763 | 139 | 188379 | 87.414 | ng | 97 |
| 57) | 2,4-Dinitrotoluene | 14.910 | 165 | 170730 | 45.539 | ng | 98 |
| 58) | Fluorene | 15.580 | 166 | 534507 | 42.460 | ng | 98 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.157 | 232 | 180944 | 49.317 | ng | 94 |
| 60) | Diethylphthalate | 15.363 | 149 | 554633 | 42.822 | ng | 98 |
| 61) | 4-Chlorophenyl-phenyle... | 15.580 | 204 | 309226 | 43.704 | ng | 96 |
| 62) | 4-Nitroaniline | 15.616 | 138 | 109067 | 39.575 | ng | 98 |
| 63) | Azobenzene | 15.875 | 77 | 518086 | 41.365 | ng | 97 |
| 65) | 4,6-Dinitro-2-methylph... | 15.675 | 198 | 103581 | 48.817 | ng | 93 |
| 66) | n-Nitrosodiphenylamine | 15.798 | 169 | 460594 | 41.330 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.474 | 248 | 207688 | 44.646 | ng | 95 |
| 68) | Hexachlorobenzene | 16.574 | 284 | 239660 | 44.118 | ng | 97 |
| 69) | Atrazine | 16.763 | 200 | 192110 | 51.949 | ng | 97 |
| 70) | Pentachlorophenol | 16.927 | 266 | 302852 | 89.524 | ng | 99 |
| 71) | Phenanthrene | 17.327 | 178 | 858111 | 43.819 | ng | 99 |
| 72) | Anthracene | 17.421 | 178 | 869486 | 44.509 | ng | 100 |
| 73) | Carbazole | 17.698 | 167 | 756496 | 42.627 | ng | 99 |
| 74) | Di-n-butylphthalate | 18.251 | 149 | 943008 | 43.947 | ng | 100 |
| 75) | Fluoranthene | 19.298 | 202 | 1094572 | 45.755 | ng | 99 |
| 77) | Benzidine | 19.492 | 184 | 148720 | 17.523 | ng | 100 |
| 78) | Pyrene | 19.651 | 202 | 1134517 | 39.598 | ng | 99 |
| 80) | Butylbenzylphthalate | 20.533 | 149 | 446318 | 41.714 | ng | 100 |
| 81) | Benzo(a)anthracene | 21.362 | 228 | 1254321 | 43.894 | ng | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.304 | 252 | 398703 | 38.288 | ng | 98 |
| 83) | Chrysene | 21.415 | 228 | 1172086 | 43.202 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.298 | 149 | 654434 | 40.168 | ng | 99 |
| 85) | Di-n-octyl phthalate | 22.239 | 149 | 1140537 | 39.788 | ng | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.321 | 276 | 1651286 | 43.100 | ng | 98 |
| 88) | Benzo(b)fluoranthene | 23.056 | 252 | 1339916 | 42.476 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 23.109 | 252 | 1307983 | 43.407 | ng | 98 |
| 90) | Benzo(a)pyrene | 23.686 | 252 | 1223460 | 43.589 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 26.345 | 278 | 1368416 | 43.428 | ng | 97 |
| 92) | Benzo(g,h,i)perylene | 27.097 | 276 | 1305381 | 40.835 | ng | 98 |

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

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