Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112521\
Data File : BP008122.D
Acq On : 24 Nov 2021 18:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 25 00:26:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 00:18:05 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.816 | 152 | 110230 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.610 | 136 | 406415 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.457 | 164 | 262432 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.216 | 188 | 559504 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.316 | 240 | 578339 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.710 | 264 | 632179 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.405 | 112 | 523245 | 81.136 | ng | 0.00 |
| 7) Phenol-d6 | 6.999 | 99 | 693387 | 77.565 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.975 | 82 | 672926 | 75.113 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.957 | 330 | 250465 | 75.415 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.081 | 172 | 1357329 | 80.987 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.786 | 244 | 2131678 | 72.467 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.317 | 88 | 117889 | 39.060 | ng | 100 |
| 3) Pyridine | 3.717 | 79 | 318608m | 36.873 | ng | |
| 4) n-Nitrosodimethylamine | 3.623 | 42 | 134890 | 34.845 | ng | 100 |
| 6) Aniline | 7.146 | 93 | 405969 | 35.975 | ng | 100 |
| 8) 2-Chlorophenol | 7.387 | 128 | 261888 | 36.174 | ng | 100 |
| 9) Benzaldehyde | 6.958 | 77 | 206277 | 31.967 | ng | 100 |
| 10) Phenol | 7.022 | 94 | 355668 | 37.143 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.246 | 93 | 282514 | 34.643 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.705 | 146 | 305274 | 36.733 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.852 | 146 | 307763 | 36.486 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.169 | 146 | 294784 | 36.420 | ng | 100 |
| 15) Benzyl Alcohol | 8.063 | 79 | 273706 | 35.464 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.352 | 45 | 421747 | 33.181 | ng | 100 |
| 17) 2-Methylphenol | 8.269 | 107 | 229846 | 36.432 | ng | 100 |
| 18) Hexachloroethane | 8.893 | 117 | 115025 | 38.292 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.628 | 70 | 224251 | 33.859 | ng | 100 |
| 20) 3+4-Methylphenols | 8.599 | 107 | 315537 | 36.080 | ng | 100 |
| 22) Acetophenone | 8.640 | 105 | 416415 | 36.930 | ng | 100 |
| 24) Nitrobenzene | 9.016 | 77 | 325852 | 37.107 | ng | 100 |
| 25) Isophorone | 9.552 | 82 | 567724 | 35.999 | ng | 100 |
| 26) 2-Nitrophenol | 9.728 | 139 | 144678 | 38.708 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.799 | 122 | 208250 | 36.970 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.028 | 93 | 367356 | 36.386 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.269 | 162 | 253828 | 37.379 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.481 | 180 | 292630 | 37.896 | ng | 100 |
| 31) Naphthalene | 10.663 | 128 | 773403 | 37.458 | ng | 100 |
| 32) Benzoic acid | 9.963 | 122 | 176672 | 36.585 | ng | 100 |
| 33) 4-Chloroaniline | 10.781 | 127 | 315308 | 35.974 | ng | 100 |
| 34) Hexachlorobutadiene | 10.952 | 225 | 198940 | 38.074 | ng | 100 |
| 35) Caprolactam | 11.575 | 113 | 53230 | 34.919 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.916 | 107 | 278066 | 35.475 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.275 | 142 | 538255 | 35.314 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.499 | 142 | 520004 | 34.836 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.651 | 216 | 329127 | 39.091 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.628 | 237 | 135122 | 35.322 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.893 | 196 | 221463 | 38.183 | ng | 100 |

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ALS Vial : 6 Sample Multiplier: 1

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.969 | 196 | 236491 | 37.795 | ng | 100 |
| 46) | 1,1'-Biphenyl | 13.293 | 154 | 722394 | 37.069 | ng | 100 |
| 47) | 2-Chloronaphthalene | 13.334 | 162 | 566817 | 38.165 | ng | 100 |
| 48) | 2-Nitroaniline | 13.540 | 65 | 200658 | 37.705 | ng | 100 |
| 49) | Acenaphthylene | 14.181 | 152 | 871727 | 37.783 | ng | 100 |
| 50) | Dimethylphthalate | 13.922 | 163 | 725756 | 36.522 | ng | 100 |
| 51) | 2,6-Dinitrotoluene | 14.040 | 165 | 154739 | 37.167 | ng | 100 |
| 52) | Acenaphthene | 14.522 | 154 | 515734 | 36.474 | ng | 100 |
| 53) | 3-Nitroaniline | 14.369 | 138 | 158808 | 36.506 | ng | 100 |
| 54) | 2,4-Dinitrophenol | 14.587 | 184 | 99506 | 38.303 | ng | 100 |
| 55) | Dibenzofuran | 14.857 | 168 | 878799 | 36.098 | ng | 100 |
| 56) | 4-Nitrophenol | 14.698 | 139 | 125111 | 35.876 | ng | 100 |
| 57) | 2,4-Dinitrotoluene | 14.834 | 165 | 213807 | 37.142 | ng | 100 |
| 58) | Fluorene | 15.510 | 166 | 655909 | 34.608 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.093 | 232 | 204924m | 36.408 | ng | |
| 60) | Diethylphthalate | 15.287 | 149 | 717636 | 35.201 | ng | 100 |
| 61) | 4-Chlorophenyl-phenyle... | 15.504 | 204 | 359296 | 34.241 | ng | 100 |
| 62) | 4-Nitroaniline | 15.534 | 138 | 166632 | 37.221 | ng | 100 |
| 63) | Azobenzene | 15.798 | 77 | 754355 | 35.485 | ng | 100 |
| 65) | 4,6-Dinitro-2-methylph... | 15.604 | 198 | 145770 | 38.576 | ng | 100 |
| 66) | n-Nitrosodiphenylamine | 15.722 | 169 | 601805 | 37.908 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.404 | 248 | 231877 | 37.772 | ng | 100 |
| 68) | Hexachlorobenzene | 16.522 | 284 | 246772 | 37.617 | ng | 100 |
| 69) | Atrazine | 16.681 | 200 | 153679 | 37.868 | ng | 100 |
| 70) | Pentachlorophenol | 16.875 | 266 | 155588 | 36.887 | ng | 100 |
| 71) | Phenanthrene | 17.263 | 178 | 1096987 | 36.389 | ng | 100 |
| 72) | Anthracene | 17.351 | 178 | 1089950 | 36.519 | ng | 100 |
| 73) | Carbazole | 17.628 | 167 | 1063778 | 35.099 | ng | 100 |
| 74) | Di-n-butylphthalate | 18.181 | 149 | 1297653 | 39.289 | ng | 100 |
| 75) | Fluoranthene | 19.233 | 202 | 1369430 | 35.244 | ng | 100 |
| 77) | Benzidine | 19.416 | 184 | 361933 | 35.937 | ng | 100 |
| 78) | Pyrene | 19.586 | 202 | 1422524 | 36.221 | ng | 100 |
| 80) | Butylbenzylphthalate | 20.463 | 149 | 627470 | 38.238 | ng | 100 |
| 81) | Benzo(a)anthracene | 21.298 | 228 | 1430308 | 36.877 | ng | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.233 | 252 | 652072 | 35.476 | ng | 100 |
| 83) | Chrysene | 21.351 | 228 | 1363060 | 37.035 | ng | 100 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.227 | 149 | 858011 | 38.652 | ng | 100 |
| 85) | Di-n-octyl phthalate | 22.151 | 149 | 1606544 | 39.495 | ng | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.210 | 276 | 1727999 | 39.392 | ng | 100 |
| 88) | Benzo(b)fluoranthene | 22.980 | 252 | 1413240 | 35.755 | ng | 100 |
| 89) | Benzo(k)fluoranthene | 23.027 | 252 | 1418792 | 36.077 | ng | 100 |
| 90) | Benzo(a)pyrene | 23.604 | 252 | 1228759 | 37.093 | ng | 100 |
| 91) | Dibenzo(a,h)anthracene | 26.227 | 278 | 1433809 | 39.265 | ng | 100 |
| 92) | Benzo(g,h,i)perylene | 26.974 | 276 | 1451886 | 40.588 | ng | 100 |

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

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