# Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : SIM-BE012915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 30 02:34:28 2015
Response Via : Initial Calibration

Calibration Files
0.1 =BE089392.D 0.2 =BE089393.D 0.5 =BE089394.D
0.8 =BE089395.D 1 =BE089413.D 2 =BE089397.D

| | | Compound | 0.1 | 0.2 | 0.5 | 0.8 | 1 | 2 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzene-d | ---------- | ISTD | ---------- | | | | | |
| 2) | | n-Nitrosodimethyl | 0.910 | 0.796 | 0.714 | 0.759 | 1.021 | 0.894 | 0.852 | 11.32 |
| 3) | S | 2-Fluorophenol | 1.915 | 1.539 | 1.491 | 1.476 | 1.766 | 1.608 | 1.603 | 9.78 |
| 4) | S | Phenol-d6 | 2.470 | 1.927 | 1.897 | 1.875 | 2.089 | 1.967 | 1.963 | 11.98 |
| 5) | C | Phenol | 2.545 | 2.040 | 2.030 | 2.007 | 2.286 | 2.099 | 2.091 | 10.95 |
| 6) | | bis(2-Chloroethyl | 1.855 | 1.530 | 1.528 | 1.520 | 1.698 | 1.559 | 1.556 | 10.23 |
| 7) | I | Naphthalene-d8 | ---------- | ISTD | ---------- | | | | | |
| 8) | S | Nitrobenzene-d5 | 0.404 | 0.335 | 0.339 | 0.335 | 0.388 | 0.368 | 0.360 | 7.11 |
| 9) | | Nitrobenzene | 0.443 | 0.374 | 0.381 | 0.383 | 0.445 | 0.421 | 0.407 | 6.74 |
| 10) | | 2,4-Dimethylpheno | 0.352 | 0.296 | 0.293 | 0.293 | 0.311 | 0.318 | 0.307 | 6.69 |
| 11) | C | 2,4-Dichloropheno | 0.271 | 0.221 | 0.223 | 0.227 | 0.221 | 0.243 | 0.233 | 7.24 |
| 12) | | Hexachlorobutadie | 0.195 | 0.166 | 0.160 | 0.158 | 0.145 | 0.172 | 0.165 | 8.72 |
| 13) | I | Acenaphthene-d10 | ---------- | ISTD | ---------- | | | | | |
| 14) | S | 2,4,6-Tribromophe | 0.130 | 0.116 | 0.107 | 0.112 | 0.132 | 0.122 | 0.116 | 9.79 |
| 15) | S | 2-Fluorobiphenyl | 1.566 | 1.480 | 1.474 | 1.449 | 1.338 | 1.606 | 1.508 | 6.18 |
| 16) | P | 2,4-Dinitrophenol | | | 0.014 | 0.020 | 0.024 | 0.039 | 0.034# | 50.74 |
| 17) | I | Phenanthrene-d10 | ---------- | ISTD | ---------- | | | | | |
| 18) | | Hexachlorobenzene | 0.256 | 0.228 | 0.225 | 0.221 | 0.230 | 0.239 | 0.233 | 5.05 |
| 19) | C | Pentachlorophenol | 0.045 | 0.018 | 0.024 | 0.031 | 0.038 | 0.052 | 0.045 | 49.42# |
| 20) | I | Chrysene-d12 | ---------- | ISTD | ---------- | | | | | |
| 21) | | Benzidine | | | 0.433 | 0.355 | 0.346 | 0.286 | 0.424 | 0.405 | 19.79 |
| 22) | S | Terphenyl-d14 | 0.638 | 0.566 | 0.602 | 0.600 | 0.576 | 0.583 | 0.552 | 15.40 |
| 23) | | Benzo(a)anthracen | 5.200 | 4.387 | 4.422 | 4.438 | 3.642 | 4.915 | 4.535 | 10.03 |
| 24) | | 3,3'-Dichlorobenz | 0.322 | 0.262 | 0.279 | 0.308 | 0.273 | 0.423 | 0.362 | 29.91 |
| 25) | | Chrysene | 6.360 | 5.644 | 5.666 | 5.593 | 4.869 | 5.918 | 5.599 | 7.79 |
| 26) | | Indeno(1,2,3-cd)p | 0.808 | 0.774 | 0.863 | 0.959 | 0.796 | 1.497 | 1.295 | 55.25 |
| 27) | I | Perylene-d12 | ---------- | ISTD | ---------- | | | | | |
| 28) | | Benzo(b)fluoranth | 0.529 | 0.482 | 0.532 | 0.564 | 0.407 | 0.798 | 0.634 | 29.71 |
| 29) | | Benzo(k)fluoranth | 1.257 | 1.214 | 1.347 | 1.516 | 1.449 | 1.651 | 1.434 | 10.61 |
| 30) | C | Benzo(a)pyrene | 0.592 | 0.531 | 0.602 | 0.676 | 0.543 | 0.920 | 0.768 | 34.57# |
| 31) | | Dibenzo(a,h)anthr | 0.542 | 0.470 | 0.597 | 0.663 | 0.541 | 0.965 | 0.785 | 41.94 |

(#) = Out of Range ### Number of calibration levels exceeded format ###