Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : SOM02.2-EPA-SIM-BM010715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jan 08 02:20:43 2015
Response Via : Initial Calibration

Calibration Files
0.1 =BM000120.D 0.2 =BM000121.D 0.4 =BM000122.D
0.8 =BM000123.D 1.6 =BM000124.D 3.2 =BM000125.D

| | | Compound | 0.1 | 0.2 | 0.4 | 0.8 | 1.6 | 3.2 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzene-d | ---------- | ISTD | ---------- | | | | | |
| 2) | I | Naphthalene-d8 | ---------- | ISTD | ---------- | | | | | |
| 3) | | Naphthalene | 1.131 | 1.084 | 1.040 | 1.088 | 1.014 | 1.016 | 1.062 | 4.40 |
| 4) | SURR | 2-Methylnaphthale | 0.550 | 0.544 | 0.519 | 0.541 | 0.508 | 0.519 | 0.530 | 3.19 |
| 5) | | 2-Methylnaphthale | 0.733 | 0.710 | 0.693 | 0.726 | 0.690 | 0.701 | 0.709 | 2.49 |
| 6) | I | Acenaphthene-d10 | ---------- | ISTD | ---------- | | | | | |
| 7) | | Acenaphthylene | 0.933 | 0.913 | 0.867 | 0.935 | 0.844 | 0.865 | 0.893 | 4.36 |
| 8) | C | Acenaphthene | 1.318 | 1.272 | 1.196 | 1.280 | 1.170 | 1.200 | 1.239 | 4.73 |
| 9) | | Fluorene | 1.497 | 1.434 | 1.410 | 1.466 | 1.356 | 1.391 | 1.426 | 3.58 |
| 10) | I | Phenanthrene-d10 | ---------- | ISTD | ---------- | | | | | |
| 11) | | Pentachlorophenol | | 0.044 | 0.048 | 0.061 | 0.072 | 0.087 | 0.063 | 28.01 |
| 12) | | Phenanthrene | 1.275 | 1.256 | 1.199 | 1.252 | 1.190 | 1.234 | 1.235 | 2.73 |
| 13) | | Anthracene | 1.214 | 1.144 | 1.103 | 1.195 | 1.139 | 1.195 | 1.165 | 3.69 |
| 14) | SURR | Fluoranthene-d10 | 0.919 | 0.837 | 0.844 | 0.866 | 0.845 | 0.846 | 0.859 | 3.57 |
| 15) | C | Fluoranthene | 1.438 | 1.304 | 1.317 | 1.370 | 1.349 | 1.349 | 1.354 | 3.50 |
| 16) | I | Chrysene-d12 | ---------- | ISTD | ---------- | | | | | |
| 17) | | Pyrene | 1.776 | 1.774 | 1.601 | 1.652 | 1.542 | 1.539 | 1.648 | 6.52 |
| 18) | | Benzo(a)anthracen | 1.364 | 1.317 | 1.303 | 1.347 | 1.286 | 1.285 | 1.317 | 2.48 |
| 19) | | Chrysene | 1.515 | 1.495 | 1.394 | 1.466 | 1.352 | 1.317 | 1.423 | 5.66 |
| 20) | I | Perylene-d12 | ---------- | ISTD | ---------- | | | | | |
| 21) | | Benzo(b)fluoranth | 1.686 | 1.522 | 1.439 | 1.636 | 1.588 | 1.619 | 1.582 | 5.61 |
| 22) | | Benzo(k)fluoranth | 1.483 | 1.564 | 1.536 | 1.532 | 1.397 | 1.440 | 1.492 | 4.29 |
| 23) | C | Benzo(a)pyrene | 1.434 | 1.421 | 1.390 | 1.494 | 1.385 | 1.438 | 1.427 | 2.76 |
| 24) | | Indeno(1,2,3-cd)p | 1.606 | 1.606 | 1.563 | 1.736 | 1.621 | 1.702 | 1.639 | 4.03 |
| 25) | | Dibenzo(a,h)anthr | 1.244 | 1.269 | 1.247 | 1.395 | 1.311 | 1.388 | 1.309 | 5.21 |
| 26) | | Benzo(g,h,i)peryl | 1.472 | 1.438 | 1.408 | 1.508 | 1.395 | 1.447 | 1.445 | 2.87 |

(#) = Out of Range