# Response Factor Report GC/MS Ins

Method Path : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\
Method File : SOM-EPA-SIM-BE082918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 30 02:12:09 2018
Response Via : Initial Calibration

Calibration Files
0.1 =BE097381.D 0.2 =BE097382.D 0.4 =BE097388.D
0.8 =BE097384.D 1.6 =BE097385.D 3.2 =BE097386.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 | 0.981 | 0.988 | 0.967 | 0.956 | 0.985 | | 0.975 | 1.40 |
| 4) | SURR | 2-Methylnaphthale | 0.583 | 0.624 | 0.627 | 0.621 | 0.654 | | 0.622 | 4.05 |
| 5) | | 2-Methylnaphthale | 0.574 | 0.602 | 0.616 | 0.627 | 0.663 | | 0.616 | 5.29 |
| 6) | I | Acenaphthene-d10 | ---------- | ISTD | ---------- | | | | | |
| 7) | | Acenaphthylene | 1.384 | 1.433 | 1.439 | 1.472 | 1.558 | | 1.457 | 4.44 |
| 8) | C | Acenaphthene | 1.254 | 1.255 | 1.242 | 1.238 | 1.277 | | 1.253 | 1.20 |
| 9) | | Fluorene | 1.356 | 1.413 | 1.430 | 1.463 | 1.514 | | 1.435 | 4.10 |
| 10) | I | Phenanthrene-d10 | ---------- | ISTD | ---------- | | | | | |
| 11) | | Pentachlorophenol | | 0.033 | 0.032 | 0.037 | 0.045 | 0.050 | 0.039 | 20.12 |
| 12) | | Phenanthrene | 1.010 | 1.032 | 1.029 | 1.022 | 1.057 | | 1.030 | 1.68 |
| 13) | | Anthracene | 0.795 | 0.827 | 0.851 | 0.886 | 0.970 | | 0.866 | 7.75 |
| 14) | SURR | Fluoranthene-d10 | 1.314 | 1.301 | 1.282 | 1.323 | 1.377 | | 1.319 | 2.70 |
| 15) | C | Fluoranthene | 1.288 | 1.296 | 1.292 | 1.336 | 1.401 | | 1.323 | 3.63 |
| 16) | I | Chrysene-d12 | ---------- | ISTD | ---------- | | | | | |
| 17) | | Pyrene | 1.165 | 1.107 | 1.067 | 1.002 | 1.041 | | 1.076 | 5.83 |
| 18) | | Benzo(a)anthracen | 1.000 | 1.011 | 1.004 | 1.016 | 1.108 | | 1.028 | 4.40 |
| 19) | | Chrysene | 1.201 | 1.202 | 1.178 | 1.158 | 1.180 | | 1.184 | 1.54 |
| 20) | I | Perylene-d12 | ---------- | ISTD | ---------- | | | | | |
| 21) | | Benzo(b)fluoranth | 0.976 | 1.076 | 1.013 | 1.103 | 1.188 | | 1.071 | 7.68 |
| 22) | | Benzo(k)fluoranth | 1.160 | 1.159 | 1.200 | 1.194 | 1.260 | | 1.195 | 3.46 |
| 23) | C | Benzo(a)pyrene | 0.944 | 0.961 | 0.950 | 1.010 | 1.091 | | 0.991 | 6.24 |
| 24) | | Indeno(1,2,3-cd)p | 1.244 | 1.250 | 1.276 | 1.281 | 1.371 | | 1.284 | 3.96 |
| 25) | | Dibenzo(a,h)anthr | 1.041 | 1.056 | 1.087 | 1.091 | 1.166 | | 1.088 | 4.45 |
| 26) | | Benzo(g,h,i)peryl | 1.054 | 1.074 | 1.076 | 1.104 | 1.168 | | 1.095 | 4.06 |

(#) = Out of Range