Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE051916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu May 19 15:36:49 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE091808.D 0.2 =BE091807.D 0.4 =BE091806.D 0.8 =BE091805.D 1.6 =BE091804.D 3.2 =BE091803.D 5 =BE091802.D
10 =BE091801.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	10	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane	0.901	0.784	0.691	0.708	0.531	0.511	0.511	0.555	0.649	22.38
3)		n-Nitrosodimet...	0.877	0.853	0.733	0.903	0.728	0.719	0.730	0.842	0.798	9.73
4)	S	2-Fluorophenol	1.455	1.418	1.231	1.435	1.178	1.170	1.209	1.357	1.307	9.32
5)	S	Phenol-d6	1.890	1.863	1.655	1.968	1.724	1.727	1.797	2.098	1.840	7.90
6)		bis(2-Chloroet...	1.574	1.544	1.353	1.631	1.371	1.354	1.403	1.585	1.477	7.95
7)	I	Naphthalene-d8	----------	ISTD	----------							
8)	S	Nitrobenzene-d5	0.333	0.338	0.295	0.373	0.309	0.308	0.328	0.368	0.331	8.46
9)		Nitrobenzene	0.332	0.343	0.294	0.381	0.320	0.323	0.346	0.387	0.341	9.15
10)		Naphthalene	1.343	1.258	1.057	1.220	0.999	0.959	0.972	1.040	1.106	13.24
11)		Hexachlorobuta...	0.205	0.184	0.156	0.184	0.145	0.140	0.145	0.151	0.164	14.72
12)		2-Methylnaphth...	0.851	0.825	0.698	0.824	0.681	0.658	0.679	0.736	0.744	10.44
13)	I	Acenaphthene-d10	----------	ISTD	----------							
14)	S	2,4,6-Tribromo...	0.181	0.186	0.168	0.211	0.179	0.198	0.205	0.225	0.194	9.69
15)	S	2-Fluorobiphenyl	1.646	1.580	1.338	1.596	1.292	1.250	1.261	1.351	1.414	11.64
16)		Acenaphthylene	2.145	2.563	2.112	2.534	2.068	2.050	2.109	2.255	2.230	9.26
17)		Acenaphthene	1.566	1.481	1.260	1.434	1.210	1.213	1.233	1.327	1.341	10.20
18)		Fluorene	1.944	1.913	1.627	1.922	1.581	1.615	1.627	1.678	1.738	9.10
19)	I	Phenanthrene-d10	----------	ISTD	----------							
20)		4-Bromophenyl-...	0.216	0.212	0.183	0.196	0.168	0.156	0.164	0.201	0.187	12.16
21)		Hexachlorobenzene	0.239	0.227	0.192	0.202	0.171	0.160	0.166	0.199	0.195	14.69
22)		Pentachlorophenol	0.074	0.075	0.072	0.085	0.076	0.085	0.095		0.080	10.40
23)		Phenanthrene	1.503	1.420	1.198	1.245	1.009	0.963	0.992		1.190	18.06
24)		Anthracene	1.230	1.223	1.050	1.134	0.965	0.944	0.980	1.177	1.088	10.85
25)		Fluoranthene	1.533	1.509	1.330	1.408	1.151	1.104	1.200	1.398	1.329	12.19
26)	I	Chrysene-d12	----------	ISTD	----------							
27)		Benzidine	0.268	0.277	0.258	0.331	0.350	0.390	0.495		0.338	24.91
28)		Pyrene	1.251	1.159	1.042	1.135	1.010	0.941	1.101	1.138	1.097	8.83
29)	S	Terphenyl-d14	0.772	0.760	0.656	0.760	0.669	0.623	0.695	0.726	0.708	7.83
30)		Benzo(a)anthra...	1.506	1.298	1.120	1.287	1.129	1.052	1.099	1.158	1.206	12.38
31)		3,3'-Dichlorob...	0.718	0.743	0.669	0.763	0.738	0.664	0.901	0.943	0.767	13.31
32)		Chrysene	1.428	1.268	1.022	1.122	0.967	0.903	1.055	1.047	1.101	15.47
33)		Bis(2-ethylhex...	0.438	0.454	0.427	0.509	0.547	0.494	0.739	0.712	0.540	22.41

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34)		Indeno(1,2,3-c...	1.393	1.331	1.160	1.292	1.155	1.063	1.237	1.261	1.236	8.62
35)	I	Perylene-d12	----------ISTD----------									
36)		Benzo(b)fluora...	1.403	1.344	1.179	1.368	1.148	1.108	1.132	1.323	1.251	9.59
37)		Benzo(k)fluora...	1.465	1.414	1.212	1.435	1.168	1.162	1.224	1.164	1.281	10.40
38)	C	Benzo(a)pyrene	1.323	1.294	1.127	1.329	1.097	1.069	1.124	1.191	1.194	8.92
39)		Dibenzo(a,h)an...	1.302	1.263	1.091	1.295	1.073	1.050	1.097	1.157	1.166	9.02
40)		Benzo(g,h,i)pe...	1.383	1.338	1.138	1.336	1.097	1.060	1.104	1.166	1.203	10.67

(#) = Out of Range