Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE090216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Sep 02 19:34:51 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092342.D 0.2 =BE092343.D 0.4 =BE092344.D 0.8 =BE092345.D 1.6 =BE092346.D 3.2 =BE092347.D 5 =BE092348.D
10 =BE092349.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	0.996	0.771	0.730	0.678	0.650	0.589	0.645	0.599	0.707	18.67
3)		n-Nitrosodimet...	0.615	0.533	0.554	0.705	0.771	0.791			0.661	16.65
4)	S	2-Fluorophenol	1.280	1.068	1.012	1.140	1.175	1.167	1.341	1.325	1.189	9.99
5)	S	Phenol-d6	1.602	1.511	1.223	1.473	1.618	1.690	1.986		1.586	14.60
6)		bis(2-Chloroet...	1.197	1.144	1.019	1.387	1.468	1.514			1.288	15.32
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.401	0.357	0.283	0.332	0.355	0.343	0.391	0.411	0.359	11.65
9)		Naphthalene	1.330	1.152	1.070	1.106	1.086	1.016	1.130	1.068	1.120	8.45
10)		Hexachlorobuta...	0.203	0.186	0.172	0.175	0.171	0.155	0.173	0.162	0.175	8.35
11)		2-Methylnaphth...	0.820	0.705	0.680	0.726	0.734	0.690	0.771	0.737	0.733	6.22
12)	I	Acenaphthene-d10	----------ISTD----------									
13)	S	2,4,6-Tribromo...	0.163	0.137	0.125	0.151	0.169	0.183			0.155	13.92
14)	S	2-Fluorobiphenyl	1.805	1.544	1.382	1.501	1.534	1.460	1.561	1.486	1.534	8.02
15)		Acenaphthylene	9.584	8.363	7.724	8.379	8.624	8.347	8.993	8.837	8.606	6.39
16)		Acenaphthene	1.767	1.479	1.282	1.336	1.337	1.275	1.365	1.307	1.393	11.76
17)		Fluorene	1.970	1.741	1.576	1.715	1.767	1.679	1.807	1.732	1.749	6.45
18)	I	Phenanthrene-d10	----------ISTD----------									
19)		Hexachlorobenzene	0.290	0.223	0.218	0.238	0.231	0.234	0.247	0.235	0.239	9.34
20)		Pentachlorophenol	0.051	0.034	0.036	0.052	0.064	0.083			0.053	34.48
21)		Phenanthrene	1.795	1.370	1.274	1.385	1.405	1.335	1.351	1.326	1.405	11.57
22)		Anthracene	1.333	1.067	1.035	1.230	1.285	1.253	1.434	1.364	1.250	11.13
23)		Fluoranthene	7.096	5.721	5.418	6.043	6.107	6.027	6.418	6.251	6.135	8.09
24)	I	Chrysene-d12	----------ISTD----------									
25)		Pyrene	5.920	5.137	4.635	4.969	4.840	4.302	4.588	4.523	4.864	10.32
26)	S	Terphenyl-d14	0.925	0.804	0.696	0.755	0.742	0.645	0.681	0.667	0.740	12.34
27)		Benzo(a)anthra...	6.241	6.470	5.283	5.131	4.924	4.807	5.481	4.831	5.396	11.82
28)		Chrysene	7.357	5.055	5.029	6.102	6.098	5.245	4.721	4.951	5.570	15.95
29)		Bis(2-ethylhex...	0.858	0.641	0.620	0.736	0.906	0.732			0.749	15.25
30)		Indeno(1,2,3-c...	6.817	6.227	5.579	5.778	5.800	5.005	5.194	5.069	5.684	10.91
31)	I	Perylene-d12	----------ISTD----------									
32)		Benzo(b)fluora...	1.417	1.230	1.135	1.303	1.351	1.241	1.322	1.270	1.284	6.66

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33)		Benzo(k)fluora...	1.510	1.386	1.305	1.299	1.295	1.257	1.449	1.353	1.357	6.39
34)	C	Benzo(a)pyrene	1.417	1.254	1.129	1.231	1.256	1.219	1.340	1.276	1.265	6.74
35)		Dibenzo(a,h)an...	1.255	1.117	1.038	1.149	1.185	1.147	1.269	1.203	1.170	6.41
36)		Benzo(g,h,i)pe...	5.528	4.883	4.590	4.800	4.895	4.666	5.151	4.947	4.933	6.00

(#) = Out of Range