Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE052516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed May 25 19:42:30 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE091863.D 0.2 =BE091861.D 0.4 =BE091862.D 0.8 =BE091859.D 1.6 =BE091858.D 3.2 =BE091857.D 5 =BE091856.D
10 =BE091855.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	1.170	0.882	0.685	0.764	0.585	0.584	0.588	0.641	0.737	27.59
3)		n-Nitrosodimet...	1.150	0.972	0.808	0.956	0.800	0.831	0.858	0.965	0.918	12.86
4)	S	2-Fluorophenol	1.663	1.618	1.319	1.570	1.276	1.241	1.301	1.445	1.429	11.76
5)	S	Phenol-d6	2.075	2.026	1.652	2.020	1.695	1.700	1.790	2.033	1.874	9.64
6)		bis(2-Chloroet...	1.793	1.720	1.437	1.732	1.418	1.397	1.447	1.606	1.569	10.39
7)		n-Nitroso-di-n...	1.690	1.532	1.249	1.595	1.317	1.284	1.388	1.560	1.452	11.25
8)	I	Naphthalene-d8	----------ISTD----------									
9)	S	Nitrobenzene-d5	0.411	0.453	0.372	0.444	0.377	0.377	0.393	0.422	0.406	7.78
10)		Nitrobenzene	0.415	0.409	0.346	0.439	0.373	0.370	0.392	0.407	0.394	7.55
11)		bis(2-Chloroet...	0.468	0.459	0.376	0.587	0.465	0.472	0.466	0.497	0.474	12.16
12)		Naphthalene	1.315	1.234	1.019	1.197	0.976	0.946	0.965	0.988	1.080	13.41
13)		Hexachlorobuta...	0.199	0.192	0.162	0.186	0.151	0.145	0.146	0.149	0.166	13.52
14)		2-Methylnaphth...	0.820	0.811	0.668	0.807	0.663	0.641	0.668	0.694	0.721	10.66
15)	I	Acenaphthene-d10	----------ISTD----------									
16)	S	2,4,6-Tribromo...	0.241	0.244	0.197	0.253	0.206	0.205	0.216	0.221	0.223	9.24
17)	S	2-Fluorobiphenyl	1.802	1.731	1.431	1.701	1.340	1.271	1.299	1.318	1.487	14.83
18)		Acenaphthylene	3.235	2.880	2.236	2.710	2.114	2.116	2.168	2.207	2.458	17.37
19)		2,6-Dinitrotol...	0.327	0.330	0.285	0.386	0.322	0.355	0.384		0.341	10.66
20)		Acenaphthene	1.729	1.589	1.261	1.475	1.143	1.130	1.184	1.182	1.337	17.20
21)		2,4-Dinitrotol...	0.351	0.342	0.295	0.419	0.369	0.419	0.457	0.495	0.393	16.79
22)		Fluorene	2.099	1.987	1.645	1.980	1.598	1.540	1.613	1.574	1.755	12.90
23)		4-Chlorophenyl...	1.051	1.020	0.840	0.990	0.772	0.746	0.759		0.883	15.09
24)	I	Phenanthrene-d10	----------ISTD----------									
25)		4-Bromophenyl-...	0.221	0.197	0.167	0.198	0.162	0.155	0.167	0.161	0.179	13.30
26)		Hexachlorobenzene	0.212	0.194	0.164	0.188	0.154	0.147	0.156	0.148	0.170	14.25
27)		Pentachlorophenol	0.059	0.063	0.051	0.072	0.063	0.072	0.080		0.066	14.76
28)		Phenanthrene	1.399	1.228	1.007	1.176	0.951	0.925	0.943		1.090	16.64
29)		Anthracene	1.192	1.105	0.913	1.111	0.920	0.901	0.944	0.906	0.999	11.72
30)		Fluoranthene	1.580	1.439	1.164	1.386	1.140	1.086	1.116		1.273	15.17
31)	I	Chrysene-d12	----------ISTD----------									
32)		Benzidine	0.302	0.370	0.321	0.466	0.392	0.422	0.464	0.464	0.400	16.36
33)		Pyrene	1.192	1.233	0.976	1.205	0.985	0.954	1.007	0.940	1.061	11.77

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34)	S	Terphenyl-d14	0.857	0.857	0.712	0.865	0.705	0.690	0.694	0.659	0.755	11.68
35)		Benzo(a)anthra...	1.558	1.594	1.256	1.486	1.214	1.237	1.190	1.126	1.333	13.75
36)		3,3'-Dichlorob...	0.881	0.843	0.663	0.841	0.661	0.645	0.680	0.641	0.732	14.12
37)		Chrysene	1.385	1.462	1.197	1.459	1.085	1.026	0.942		1.222	17.57
38)		Bis(2-ethylhex...	0.557	0.549	0.413	0.556	0.448	0.440	0.468	0.439	0.484	12.45
39)		Indeno(1,2,3-c...	1.426	1.457	1.167	1.442	1.136	1.114	1.142	1.115	1.250	12.81
40)	I	Perylene-d12	----------ISTD----------									
41)		Benzo(b)fluora...	1.613	1.566	1.182	1.435	1.304	1.204	1.244	1.245	1.349	12.43
42)		Benzo(k)fluora...	1.421	1.324	1.258	1.479	1.059	1.070	1.109	1.077	1.225	13.84
43)	C	Benzo(a)pyrene	1.427	1.363	1.143	1.381	1.123	1.097	1.116	1.132	1.223	11.50
44)		Dibenzo(a,h)an...	1.353	1.302	1.103	1.327	1.081	1.053	1.080	1.076	1.172	11.10
45)		Benzo(g,h,i)pe...	1.407	1.344	1.122	1.340	1.087	1.049	1.086	1.078	1.189	12.37

(#) = Out of Range