Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE072216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jul 22 15:39:27 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE091999.D 0.2 =BE092000.D 0.4 =BE092001.D 0.8 =BE092002.D 1.6 =BE092003.D 3.2 =BE092004.D 5 =BE092005.D
10 =BE092006.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	0.783	0.777	0.716	0.641	0.637	0.632	0.623	0.598	0.676	10.70
3)		n-Nitrosodimet...	0.411	0.554	0.684	0.729	0.817	0.974	0.932	0.920	0.753	26.30
4)	S	2-Fluorophenol		0.821	0.885	0.939	1.038	1.163			0.969	13.88
5)	S	Phenol-d6	1.019	1.105	1.210	1.319	1.499	1.723			1.312	19.97
6)		bis(2-Chloroet...	1.152	1.231	1.330	1.462	1.481	1.601	1.616	1.617	1.436	12.59
7)		n-Nitroso-di-n...	1.028	1.060	1.116	1.184	1.272	1.426	1.497		1.226	14.75
8)	I	Naphthalene-d8	----------ISTD----------									
9)	S	Nitrobenzene-d5	0.231	0.260	0.289	0.303	0.324	0.347	0.353		0.301	14.86
10)		Nitrobenzene	0.243	0.268	0.309	0.331	0.365	0.396	0.403	0.415	0.341	18.79
11)		bis(2-Chloroet...	0.313	0.300	0.348	0.368	0.394	0.421	0.433	0.436	0.377	14.15
12)		Naphthalene	1.188	1.193	1.172	1.131	1.129	1.121	1.091	1.061	1.136	4.11
13)		Hexachlorobuta...	0.172	0.179	0.170	0.160	0.161	0.160	0.153	0.145	0.163	6.67
14)		2-Methylnaphth...	0.691	0.711	0.714	0.693	0.715	0.735	0.731	0.710	0.712	2.18
15)	I	Acenaphthene-d10	----------ISTD----------									
16)	S	2,4,6-Tribromo...	0.077	0.087	0.093	0.117	0.138	0.167	0.173		0.122	31.96
17)	S	2-Fluorobiphenyl	1.270	1.335	1.270	1.387	1.329	1.325	1.278	1.324	1.315	3.06
18)		Acenaphthylene	6.470	6.801	6.328	7.798	8.075	8.484	8.371	9.198	7.691	13.60
19)		2,6-Dinitrotol...	0.580	0.599	0.628	1.058	1.234	1.454			0.926	40.60
20)		Acenaphthene	1.506	1.371	1.308	1.259	1.258	1.259	1.240	1.230	1.304	7.15
21)		2,4-Dinitrotol...	0.632	0.692	0.615	0.780	1.113	1.638			0.912	43.87
22)		Fluorene	1.515	1.560	1.447	1.598	1.574	1.607	1.559	1.585	1.556	3.36
23)		4-Chlorophenyl...	0.782	0.804	0.745	0.799	0.795	0.770	0.738	0.746	0.772	3.45
24)	I	Phenanthrene-d10	----------ISTD----------									
25)		4-Bromophenyl-...	0.204	0.199	0.207	0.205	0.213	0.215	0.214	0.211	0.208	2.64
26)		Hexachlorobenzene	0.225	0.218	0.221	0.212	0.210	0.218	0.210	0.205	0.215	3.12
27)		Pentachlorophenol		0.025	0.031	0.039	0.052	0.079	0.093		0.053	51.31
28)		Phenanthrene	1.388	1.337	1.313	1.260	1.277	1.287	1.256	1.220	1.292	4.08
29)		Anthracene	1.097	1.089	1.121	1.139	1.190	1.259	1.249	1.226	1.171	5.87
30)		Fluoranthene	5.336	5.229	4.922	4.937	5.291	5.202	5.396	5.008	5.165	3.58
31)	I	Chrysene-d12	----------ISTD----------									
32)		Benzidine	0.100	0.114	0.123	0.154	0.197	0.245			0.156	35.75
33)		Pyrene	3.317	3.371	3.394	3.532	3.711	3.754	4.259	3.682	3.628	8.40

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34)	S	Terphenyl-d14	0.503	0.543	0.484	0.504	0.500	0.506	0.495	0.483	0.502	3.73
35)		Benzo(a)anthra...	0.941	1.030	1.011	1.168	1.194	1.201	1.337	1.131	1.127	11.30
36)		3,3'-Dichlorob...	0.153	0.129	0.128	0.154	0.195	0.258			0.169	29.42
37)		Chrysene	1.322	1.437	1.371	1.398	1.409	1.369	1.387	1.287	1.372	3.50
38)		Bis(2-ethylhex...	0.664	0.740	0.669	0.855	0.970	0.968			0.811	17.32
39)		Indeno(1,2,3-c...	3.451	3.733	3.706	3.840	3.798	3.912	4.022	3.689	3.769	4.51
40)	I	Perylene-d12	----------ISTD----------									
41)		Benzo(b)fluora...	1.317	1.211	1.251	1.271	1.313	1.413	1.388	1.331	1.312	5.16
42)		Benzo(k)fluora...	1.196	1.326	1.342	1.315	1.378	1.415	1.375	1.347	1.337	4.89
43)	C	Benzo(a)pyrene	1.161	1.166	1.171	1.182	1.205	1.306	1.311	1.265	1.221	5.19
44)		Dibenzo(a,h)an...	0.982	0.998	1.064	1.066	1.097	1.182	1.172	1.154	1.089	7.00
45)		Benzo(g,h,i)pe...	4.235	4.295	4.340	4.326	4.473	4.712	4.683	4.643	4.463	4.29

(#) = Out of Range