Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN102620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Oct 27 11:36:24 2020
Response Via : Initial Calibration

Calibration Files
0.1 =BN012393.D 0.2 =BN012394.D 0.4 =BN012395.D 0.8 =BN012396.D 1.6 =BN012397.D 3.2 =BN012398.D 5 =BN012399.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.902	0.736	0.548	0.603	0.619	0.599	0.553	0.651	19.44
3)		n-Nitrosodimet...		1.619	1.418	1.642	1.677	1.619	1.509	1.581	6.18
4)	S	2-Fluorophenol	1.553	1.486	1.249	1.399	1.431	1.376	1.293	1.398	7.54
5)	S	Phenol-d6	1.636	1.582	1.462	1.651	1.800	1.769	1.683	1.655	6.88
6)		bis(2-Chloroet...	0.902	0.869	1.010	1.229	1.331	1.306	1.240	1.127	17.30
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.372	0.399	0.378	0.458	0.510	0.499	0.472	0.441	13.01
9)		Naphthalene	1.230	1.114	0.986	1.113	1.186	1.141	1.066	1.120	7.09
10)		Hexachlorobuta...	0.268	0.243	0.213	0.236	0.245	0.234	0.217	0.237	7.72
11)	SURR	2-Methylnaphth...	0.638	0.607	0.561	0.654	0.707	0.687	0.647	0.643	7.56
12)		2-Methylnaphth...	0.716	0.685	0.645	0.737	0.799	0.777	0.730	0.727	7.21
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.285	0.291	0.241	0.284	0.301	0.302	0.287	0.284	7.23
15)	S	2-Fluorobiphenyl	1.414	1.456	1.290	1.549	1.616	1.618	1.475	1.488	7.89
16)		Acenaphthylene	1.997	1.969	1.677	1.979	2.096	2.118	1.991	1.975	7.30
17)		Acenaphthene	1.311	1.284	1.097	1.264	1.324	1.333	1.218	1.262	6.54
18)		Fluorene	1.615	1.654	1.380	1.614	1.699	1.700	1.597	1.608	6.76
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.075	0.077	0.080	0.093	0.110	0.109	0.108	0.093	17.12
21)		4-Bromophenyl-...	0.244	0.227	0.207	0.247	0.269	0.260	0.244	0.243	8.41
22)		Hexachlorobenzene	0.314	0.294	0.260	0.292	0.315	0.301	0.280	0.294	6.59
23)		Atrazine	0.238	0.221	0.200	0.234	0.255	0.245	0.233	0.232	7.65
24)		Pentachlorophenol		0.132	0.113	0.133	0.149	0.148	0.144	0.137	9.86
25)		Phenanthrene	1.198	1.099	0.984	1.168	1.282	1.251	1.187	1.167	8.54
26)		Anthracene	1.064	0.977	0.904	1.081	1.211	1.191	1.135	1.081	10.29
27)	SURR	Fluoranthene-d10	1.317	1.187	1.055	1.233	1.327	1.286	1.239	1.235	7.56
28)		Fluoranthene	1.431	1.352	1.185	1.383	1.503	1.462	1.400	1.388	7.40
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.478	1.341	1.166	1.357	1.464	1.400	1.264	1.353	8.19
31)	S	Terphenyl-d14	0.997	0.936	0.810	0.950	1.028	0.978	0.878	0.939	7.94
32)		Benzo(a)anthra...	1.138	1.117	1.051	1.265	1.360	1.336	1.254	1.217	9.61
33)		Chrysene	1.547	1.439	1.149	1.311	1.450	1.398	1.262	1.365	9.79
34)		Bis(2-ethylhex...	0.927	0.775	0.685	0.763	0.817	0.816	0.794	0.797	9.14
35)		Indeno(1,2,3-c...	2.132	1.981	1.748	1.981	2.120	1.961	1.806	1.961	7.35

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.291	1.169	1.065	1.283	1.382	1.358	1.287	1.262	8.74
38)		Benzo(k)fluora...	1.549	1.400	1.176	1.364	1.434	1.380	1.320	1.375	8.26
39)	C	Benzo(a)pyrene	1.282	1.208	1.062	1.223	1.306	1.270	1.222	1.225	6.55
40)		Dibenzo(a,h)an...	1.432	1.279	1.205	1.432	1.515	1.442	1.374	1.383	7.73
41)		Benzo(g,h,i)pe...	1.598	1.474	1.296	1.475	1.527	1.437	1.365	1.453	6.89

(#) = Out of Range