Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN012924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jan 30 03:38:24 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN029400.D 0.2 =BN029401.D 0.4 =BN029402.D 0.8 =BN029403.D 1.6 =BN029404.D 3.2 =BN029405.D 5.0 =BN029406.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.641	0.619	0.565	0.524	0.552	0.531	0.511	0.563	8.74
3)		n-Nitrosodimet...	0.371	0.430	0.443	0.437	0.519	0.508	0.504	0.459	11.74
4)	S	2-Fluorophenol	1.005	0.999	0.910	0.905	0.980	0.965	0.962	0.961	4.14
5)	S	Phenol-d6	0.953	1.021	1.009	1.065	1.222	1.231	1.260	1.109	11.31
6)		bis(2-Chloroet...	0.903	0.977	0.984	1.046	1.181	1.158	1.155	1.058	10.26
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.292	0.307	0.311	0.322	0.362	0.364	0.373	0.333	9.73
9)		Naphthalene	1.112	1.144	1.116	1.108	1.191	1.158	1.147	1.140	2.62
10)		Hexachlorobuta...	0.217	0.221	0.214	0.215	0.224	0.214	0.208	0.216	2.44
11)	SURR	2-Methylnaphth...	0.510	0.524	0.518	0.529	0.584	0.573	0.575	0.545	5.72
12)		2-Methylnaphth...	0.624	0.639	0.644	0.651	0.716	0.707	0.704	0.669	5.71
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.113	0.121	0.116	0.119	0.138	0.145	0.147	0.128	11.24
15)	S	2-Fluorobiphenyl	1.604	1.715	1.668	1.707	1.840	1.770	1.716	1.717	4.32
16)		Acenaphthylene	1.686	1.808	1.772	1.843	2.056	2.066	2.067	1.900	8.42
17)		Acenaphthene	1.208	1.275	1.229	1.245	1.354	1.319	1.299	1.275	4.08
18)		Fluorene	1.507	1.570	1.523	1.563	1.729	1.668	1.636	1.599	5.06
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.046	0.052	0.052	0.056	0.064	0.070	0.072	0.059	16.76
21)		4-Bromophenyl-...	0.212	0.235	0.226	0.233	0.255	0.253	0.251	0.238	6.70
22)		Hexachlorobenzene	0.284	0.302	0.281	0.286	0.306	0.295	0.288	0.292	3.24
23)		Atrazine	0.141	0.165	0.154	0.161	0.181	0.187	0.195	0.169	11.43
24)		Pentachlorophenol	0.073	0.075	0.080	0.090	0.103	0.110	0.117	0.093	19.03
25)		Phenanthrene	1.128	1.158	1.123	1.142	1.258	1.241	1.232	1.183	4.93
26)		Anthracene	0.913	0.935	0.926	0.947	1.081	1.116	1.141	1.008	9.88
27)	SURR	Fluoranthene-d10	0.863	0.934	0.891	0.935	1.038	1.048	1.074	0.969	8.61
28)		Fluoranthene	1.247	1.305	1.186	1.287	1.418	1.441	1.429	1.330	7.50
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.007	1.919	1.873	1.738	1.857	1.749	1.747	1.841	5.55
31)	S	Terphenyl-d14	1.078	1.006	0.990	0.950	1.013	0.961	0.951	0.993	4.61
32)		Benzo(a)anthra...	1.292	1.272	1.288	1.286	1.449	1.465	1.514	1.367	7.63
33)		Chrysene	1.579	1.570	1.519	1.508	1.605	1.560	1.529	1.553	2.28
34)		Bis(2-ethylhex...	1.281	1.014	0.869	0.831	0.814	0.838	0.871	0.931	18.02
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.504	1.442	1.495	1.601	1.709	1.745	1.760	1.608	8.17
37)		Benzo(b)fluora...	1.260	1.315	1.341	1.425	1.568	1.532	1.572	1.430	9.01
38)		Benzo(k)fluora...	1.311	1.432	1.495	1.442	1.585	1.614	1.603	1.497	7.43
39)	C	Benzo(a)pyrene	1.172	1.161	1.209	1.222	1.302	1.317	1.342	1.247	5.85
40)		Dibenzo(a,h)an...	1.105	1.157	1.190	1.263	1.400	1.423	1.425	1.280	10.57
41)		Benzo(g,h,i)pe...	1.499	1.428	1.520	1.573	1.657	1.623	1.616	1.559	5.18

(#) = Out of Range