Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 18 18:40:16 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037313.D 0.2 =BN037314.D 0.4 =BN037315.D 0.8 =BN037316.D 1.6 =BN037317.D 3.2 =BN037318.D 5.0 =BN037319.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	0.422	0.403	0.336	0.344	0.319	0.318	0.357		12.55
3)		n-Nitrosodimet...	0.478	0.403	0.399	0.423	0.392	0.387	0.414		8.21
4)	S	2-Fluorophenol	0.728	0.755	0.721	0.701	0.751	0.710	0.723	0.727	2.76
5)	S	Phenol-d6	0.508	0.618	0.704	0.713	0.800	0.811	0.849	0.715	16.83
6)		bis(2-Chloroet...	0.451	0.517	0.558	0.643	0.712	0.693	0.709	0.612	16.95
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.327	0.262	0.328	0.314	0.368	0.362	0.372	0.333	11.64
9)		Naphthalene	1.023	1.012	1.032	1.010	1.085	1.028	1.055	1.035	2.57
10)		Hexachlorobuta...	0.565	0.542	0.559	0.522	0.541	0.481	0.454	0.524	7.89
11)	SURR	2-Methylnaphth...	0.582	0.585	0.688	0.639	0.697	0.669	0.692	0.650	7.62
12)		2-Methylnaphth...	0.593	0.695	0.710	0.726	0.802	0.771	0.804	0.729	10.14
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.315	0.274	0.290	0.289	0.318	0.294	0.285	0.295	5.44
15)	S	2-Fluorobiphenyl	1.547	1.636	1.764	1.756	1.928	1.835	1.804	1.753	7.22
16)		Acenaphthylene	1.677	1.605	1.625	1.624	1.768	1.728	1.752	1.683	3.98
17)		Acenaphthene	1.102	1.115	1.092	1.071	1.169	1.134	1.139	1.117	2.92
18)		Fluorene	1.455	1.522	1.548	1.564	1.692	1.649	1.656	1.584	5.37
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.110	0.094	0.118	0.134	0.139	0.143	0.123		15.61
21)		4-Bromophenyl-...	0.329	0.333	0.316	0.320	0.350	0.341	0.334	0.332	3.55
22)		Hexachlorobenzene	0.364	0.377	0.364	0.336	0.354	0.324	0.315	0.348	6.67
23)		Atrazine	0.247	0.262	0.245	0.253	0.275	0.268	0.265	0.259	4.37
24)		Pentachlorophenol	0.196	0.171	0.187	0.205	0.199	0.198	0.193		6.31
25)		Phenanthrene	1.100	1.077	1.075	1.081	1.186	1.165	1.200	1.126	4.92
26)		Anthracene	0.954	1.000	0.996	1.019	1.118	1.141	1.166	1.056	7.92
27)	SURR	Fluoranthene-d10	1.279	1.248	1.320	1.279	1.291	1.234	1.226	1.268	2.65
28)		Fluoranthene	1.584	1.540	1.494	1.576	1.613	1.570	1.574	1.564	2.42
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.497	1.481	1.602	1.395	1.602	1.518	1.570	1.523	4.90
31)	S	Terphenyl-d14	0.829	0.875	0.957	0.866	0.997	0.944	0.956	0.918	6.66
32)		Benzo(a)anthra...	1.066	1.166	1.197	1.305	1.429	1.395	1.460	1.288	11.60
33)		Chrysene	1.845	1.729	1.648	1.539	1.696	1.528	1.524	1.644	7.41
34)		Bis(2-ethylhex...	0.570	0.536	0.501	0.524	0.502	0.537	0.528		4.89
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.366	1.552	1.601	1.655	1.845	1.893	1.863	1.682	11.58
37)		Benzo(b)fluora...	1.268	1.244	1.290	1.382	1.543	1.499	1.554	1.397	9.60
38)		Benzo(k)fluora...	1.429	1.439	1.528	1.525	1.627	1.587	1.608	1.535	5.13
39)	C	Benzo(a)pyrene	1.215	1.223	1.244	1.271	1.372	1.360	1.371	1.294	5.54
40)		Dibenzo(a,h)an...	1.180	1.246	1.241	1.286	1.498	1.504	1.504	1.351	10.70
41)		Benzo(g,h,i)pe...	1.468	1.470	1.481	1.486	1.661	1.625	1.604	1.542	5.45

(#) = Out of Range