Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 10 00:48:38 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037443.D 0.2 =BN037444.D 0.4 =BN037445.D 0.8 =BN037446.D 1.6 =BN037447.D 3.2 =BN037448.D 5 =BN037449.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	0.398	0.395	0.382	0.403	0.387	0.360	0.387		4.01
3)		n-Nitrosodimet...	0.432	0.431	0.442	0.474	0.473	0.488	0.457		5.39
4)	S	2-Fluorophenol	1.160	1.101	1.114	0.994	1.045	1.032	1.091	1.077	5.24
5)	S	Phenol-d6	1.426	1.347	1.373	1.229	1.292	1.272	1.337	1.325	4.98
6)		bis(2-Chloroet...	1.107	1.089	1.048	1.025	1.066	1.036	1.051	1.060	2.76
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.262	0.257	0.261	0.243	0.270	0.281	0.310	0.269	7.92
9)		Naphthalene	1.088	1.054	1.054	1.013	1.088	1.091	1.117	1.072	3.18
10)		Hexachlorobuta...	0.216	0.216	0.214	0.207	0.225	0.224	0.230	0.219	3.57
11)	SURR	2-Methylnaphth...	0.540	0.533	0.529	0.509	0.548	0.570	0.683	0.559	10.31
12)		2-Methylnaphth...	0.686	0.679	0.674	0.651	0.704	0.714	0.734	0.692	4.01
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.168	0.155	0.158	0.138	0.158	0.169	0.198	0.163	11.26
15)	S	2-Fluorobiphenyl	2.243	2.013	2.138	2.112	2.149	2.248	2.522	2.204	7.35
16)		Acenaphthylene	1.870	1.838	1.830	1.752	1.922	1.926	2.025	1.880	4.63
17)		Acenaphthene	1.182	1.162	1.177	1.131	1.244	1.258	1.306	1.209	5.12
18)		Fluorene	1.467	1.459	1.466	1.432	1.558	1.588	1.644	1.516	5.30
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.026	0.029	0.028	0.035	0.040		0.032		19.05
21)		4-Bromophenyl-...	0.259	0.256	0.255	0.240	0.262	0.272	0.278	0.260	4.79
22)		Hexachlorobenzene	0.314	0.318	0.315	0.297	0.318	0.319	0.329	0.316	3.01
23)		Atrazine	0.121	0.120	0.123	0.123	0.139	0.158	0.183	0.138	17.60
24)		Pentachlorophenol	0.132	0.124	0.116	0.132	0.145	0.168	0.136		13.37
25)		Phenanthrene	1.175	1.200	1.168	1.134	1.225	1.242	1.291	1.205	4.35
26)		Anthracene	1.109	1.093	1.087	1.055	1.152	1.192	1.238	1.132	5.73
27)	SURR	Fluoranthene-d10	0.971	0.982	0.953	0.936	1.002	1.053	1.300	1.028	12.20
28)		Fluoranthene	1.293	1.307	1.304	1.284	1.382	1.414	1.482	1.353	5.58
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.652	1.646	1.634	1.566	1.675	1.631	1.691	1.642	2.43
31)	S	Terphenyl-d14	0.836	0.832	0.842	0.792	0.852	0.840	0.904	0.843	3.92
32)		Benzo(a)anthra...	1.438	1.399	1.349	1.320	1.460	1.447	1.537	1.421	5.12
33)		Chrysene	1.406	1.425	1.426	1.383	1.515	1.475	1.544	1.453	4.09
34)		Bis(2-ethylhex...	0.276	0.283	0.284	0.341	0.395		0.316		16.26
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.387	1.391	1.398	1.422	1.606	1.695	1.576	1.496	8.46
37)		Benzo(b)fluora...	1.369	1.367	1.341	1.378	1.525	1.591	1.631	1.457	8.33
38)		Benzo(k)fluora...	1.320	1.402	1.366	1.389	1.554	1.588	1.650	1.467	8.70
39)	C	Benzo(a)pyrene	1.109	1.128	1.098	1.146	1.277	1.329	1.390	1.211	9.80
40)		Dibenzo(a,h)an...	1.104	1.097	1.127	1.150	1.299	1.370	1.276	1.203	9.13
41)		Benzo(g,h,i)pe...	1.222	1.248	1.223	1.232	1.374	1.431	1.322	1.293	6.46

(#) = Out of Range