Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN091125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 14:20:01 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037691.D 0.2 =BN037692.D 0.4 =BN037693.D 0.8 =BN037694.D 1.6 =BN037695.D 3.2 =BN037696.D 5 =BN037697.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	0.429	0.422	0.411	0.432	0.418	0.388	0.417		3.80
3)		n-Nitrosodimet...	0.530	0.564	0.515	0.556	0.550	0.551	0.544		3.34
4)	S	2-Fluorophenol	0.929	0.913	0.892	0.840	0.912	0.937	1.004	0.918	5.37
5)	S	Phenol-d6	1.191	1.193	1.156	1.088	1.193	1.225	1.289	1.191	5.15
6)		bis(2-Chloroet...	1.076	1.075	1.070	1.019	1.078	1.066	1.063	1.064	1.94
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.287	0.279	0.285	0.272	0.296	0.303	0.325	0.293	6.05
9)		Naphthalene	1.091	1.072	1.074	1.036	1.117	1.115	1.149	1.093	3.38
10)		Hexachlorobuta...	0.199	0.196	0.197	0.189	0.203	0.199	0.202	0.198	2.29
11)	SURR	2-Methylnaphth...	0.497	0.497	0.498	0.478	0.522	0.550	0.668	0.530	12.31
12)		2-Methylnaphth...	0.643	0.651	0.659	0.633	0.697	0.712	0.740	0.676	5.91
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.088	0.098	0.101	0.096	0.113	0.131		0.104	14.74
15)	S	2-Fluorobiphenyl	1.663	1.666	1.649	1.586	1.689	1.674	1.785	1.673	3.54
16)		Acenaphthylene	1.754	1.756	1.783	1.727	1.885	1.916	2.020	1.834	5.90
17)		Acenaphthene	1.165	1.199	1.215	1.187	1.272	1.296	1.348	1.240	5.37
18)		Fluorene	1.404	1.402	1.441	1.419	1.545	1.633	1.671	1.502	7.59
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.032	0.033	0.033	0.040	0.046		0.037		16.34
21)		4-Bromophenyl-...	0.250	0.252	0.251	0.248	0.272	0.269	0.284	0.261	5.43
22)		Hexachlorobenzene	0.301	0.308	0.294	0.280	0.305	0.302	0.310	0.300	3.39
23)		Atrazine	0.145	0.151	0.152	0.146	0.169	0.190	0.209	0.166	15.00
24)		Pentachlorophenol	0.074	0.074	0.073	0.086	0.100	0.115	0.087		19.46
25)		Phenanthrene	1.228	1.215	1.223	1.173	1.285	1.321	1.371	1.259	5.47
26)		Anthracene	1.038	1.029	1.070	1.030	1.140	1.221	1.281	1.116	9.09
27)	SURR	Fluoranthene-d10	0.912	0.887	0.935	0.883	0.954	1.108	1.350	1.004	16.98
28)		Fluoranthene	1.257	1.224	1.310	1.269	1.393	1.578	1.637	1.381	11.91
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.578	1.618	1.557	1.473	1.603	1.542	1.590	1.566	3.09
31)	S	Terphenyl-d14	0.806	0.833	0.801	0.754	0.812	0.784	0.892	0.812	5.30
32)		Benzo(a)anthra...	1.386	1.345	1.347	1.297	1.410	1.459	1.522	1.395	5.46
33)		Chrysene	1.523	1.491	1.496	1.402	1.510	1.506	1.543	1.496	3.01
34)		Bis(2-ethylhex...	0.440	0.376	0.345	0.380	0.438	0.504	0.414		13.96
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.517	1.491	1.543	1.532	1.791	1.865	2.025	1.681	12.58
37)		Benzo(b)fluora...	1.463	1.475	1.554	1.444	1.636	1.674	1.778	1.575	7.99
38)		Benzo(k)fluora...	1.516	1.543	1.524	1.501	1.705	1.696	1.756	1.606	6.73
39)	C	Benzo(a)pyrene	1.155	1.172	1.201	1.151	1.314	1.367	1.467	1.261	9.78
40)		Dibenzo(a,h)an...	1.157	1.175	1.210	1.232	1.463	1.519	1.636	1.342	14.39
41)		Benzo(g,h,i)pe...	1.413	1.402	1.451	1.375	1.568	1.607	1.723	1.506	8.59

(#) = Out of Range