Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN071125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jul 11 15:38:34 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037467.D 0.2 =BN037468.D 0.4 =BN037469.D 0.8 =BN037470.D 1.6 =BN037471.D 3.2 =BN037472.D 5 =BN037473.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		0.370	0.385	0.376	0.396	0.383	0.344	0.376	4.69
3)		n-Nitrosodimet...		0.478	0.499	0.474	0.526	0.520	0.517	0.502	4.49
4)	S	2-Fluorophenol	0.941	0.935	0.931	0.854	0.927	0.942	0.987	0.931	4.22
5)	S	Phenol-d6	1.222	1.196	1.173	1.063	1.158	1.171	1.214	1.171	4.52
6)		bis(2-Chloroet...	1.010	0.981	0.970	0.935	1.004	0.985	0.976	0.980	2.51
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.279	0.277	0.276	0.266	0.296	0.306	0.333	0.290	7.95
9)		Naphthalene	1.063	1.050	1.052	1.015	1.096	1.109	1.140	1.075	3.93
10)		Hexachlorobuta...	0.263	0.251	0.257	0.247	0.266	0.261	0.262	0.258	2.67
11)	SURR	2-Methylnaphth...	0.513	0.509	0.511	0.490	0.531	0.563	0.689	0.544	12.51
12)		2-Methylnaphth...	0.645	0.640	0.646	0.625	0.691	0.718	0.746	0.673	6.79
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.119	0.115	0.122	0.121	0.138	0.153	0.182	0.136	18.05
15)	S	2-Fluorobiphenyl	2.213	2.152	2.305	2.139	2.318	2.357	2.499	2.283	5.55
16)		Acenaphthylene	1.778	1.768	1.761	1.706	1.881	1.886	1.988	1.824	5.34
17)		Acenaphthene	1.207	1.167	1.184	1.138	1.260	1.270	1.340	1.224	5.72
18)		Fluorene	1.478	1.432	1.482	1.423	1.606	1.620	1.723	1.538	7.35
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.036	0.039	0.043	0.050	0.057		0.045	19.20
21)		4-Bromophenyl-...	0.246	0.238	0.236	0.234	0.253	0.260	0.279	0.250	6.54
22)		Hexachlorobenzene	0.339	0.340	0.340	0.329	0.353	0.351	0.358	0.344	2.97
23)		Atrazine	0.118	0.111	0.115	0.114	0.133	0.153		0.124	13.13
24)		Pentachlorophenol		0.105	0.101	0.100	0.119	0.131	0.156	0.119	18.40
25)		Phenanthrene	1.213	1.165	1.157	1.147	1.242	1.256	1.346	1.218	5.79
26)		Anthracene	1.019	1.035	1.014	1.024	1.131	1.185	1.286	1.099	9.61
27)	SURR	Fluoranthene-d10	0.956	0.936	0.909	0.895	0.981	1.049	1.336	1.009	15.16
28)		Fluoranthene	1.252	1.235	1.220	1.232	1.389	1.455	1.572	1.337	10.32
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.674	1.630	1.594	1.511	1.605	1.595	1.648	1.608	3.23
31)	S	Terphenyl-d14	0.849	0.822	0.821	0.778	0.836	0.834	0.903	0.835	4.49
32)		Benzo(a)anthra...	1.329	1.310	1.292	1.240	1.394	1.428	1.490	1.355	6.40
33)		Chrysene	1.522	1.487	1.464	1.413	1.473	1.464	1.542	1.481	2.85
34)		Bis(2-ethylhex...		0.451	0.451	0.419	0.439	0.467	0.537	0.461	8.81
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.339	1.316	1.392	1.434	1.655	1.758	1.973	1.553	16.01
37)		Benzo(b)fluora...	1.382	1.423	1.411	1.459	1.668	1.674	1.871	1.556	11.86
38)		Benzo(k)fluora...	1.416	1.374	1.433	1.505	1.674	1.745	1.892	1.577	12.41
39)	C	Benzo(a)pyrene	1.069	1.109	1.152	1.162	1.325	1.398	1.549	1.252	14.09
40)		Dibenzo(a,h)an...	1.069	1.039	1.105	1.152	1.342	1.442	1.617	1.252	17.51
41)		Benzo(g,h,i)pe...	1.187	1.236	1.266	1.281	1.442	1.507	1.683	1.372	13.03

(#) = Out of Range