Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN102224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Oct 22 16:43:19 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN034674.D 0.2 =BN034675.D 0.4 =BN034676.D 0.8 =BN034677.D 1.6 =BN034678.D 3.2 =BN034679.D 5.0 =BN034680.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	0.541	0.494	0.449	0.504	0.485	0.463	0.438	0.482	7.34
3)		n-Nitrosodimet...	0.531	0.546	0.529	0.610	0.609	0.564	0.558	0.564	6.02
4)	S	2-Fluorophenol	1.305	1.278	1.154	1.302	1.270	1.176	1.168	1.236	5.42
5)	S	Phenol-d6	1.650	1.585	1.436	1.639	1.618	1.532	1.549	1.573	4.76
6)		bis(2-Chloroet...	1.231	1.193	1.116	1.275	1.246	1.155	1.152	1.196	4.84
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.342	0.327	0.305	0.347	0.345	0.325	0.339	0.333	4.53
9)		Naphthalene	1.118	1.098	1.022	1.180	1.157	1.077	1.104	1.108	4.68
10)		Hexachlorobuta...	0.186	0.181	0.167	0.192	0.186	0.170	0.172	0.179	5.32
11)	SURR	2-Methylnaphth...	0.565	0.552	0.522	0.605	0.601	0.560	0.578	0.569	5.03
12)		2-Methylnaphth...	0.698	0.680	0.644	0.750	0.744	0.697	0.712	0.704	5.17
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.178	0.167	0.150	0.177	0.183	0.186	0.200	0.177	9.01
15)	S	2-Fluorobiphenyl	1.614	1.586	1.416	1.697	1.649	1.544	1.568	1.582	5.64
16)		Acenaphthylene	1.900	1.858	1.698	2.030	2.042	1.997	2.049	1.939	6.68
17)		Acenaphthene	1.309	1.290	1.166	1.395	1.382	1.324	1.356	1.317	5.83
18)		Fluorene	1.654	1.609	1.468	1.730	1.743	1.644	1.669	1.645	5.56
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.045	0.047	0.055	0.058	0.060	0.067	0.055		14.93
21)		4-Bromophenyl-...	0.224	0.217	0.207	0.230	0.230	0.218	0.223	0.221	3.64
22)		Hexachlorobenzene	0.248	0.240	0.234	0.260	0.257	0.238	0.244	0.246	3.93
23)		Atrazine	0.201	0.194	0.179	0.206	0.207	0.194	0.198	0.197	4.76
24)		Pentachlorophenol	0.087	0.082	0.082	0.098	0.105	0.109	0.121	0.098	15.20
25)		Phenanthrene	1.285	1.164	1.102	1.240	1.228	1.162	1.188	1.195	5.04
26)		Anthracene	1.032	1.011	0.982	1.121	1.134	1.094	1.126	1.072	5.79
27)	SURR	Fluoranthene-d10	0.999	0.969	0.925	1.051	1.050	0.989	1.013	1.000	4.46
28)		Fluoranthene	1.373	1.306	1.263	1.432	1.431	1.347	1.361	1.359	4.54
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.806	1.677	1.634	1.849	1.832	1.740	1.734	1.753	4.58
31)	S	Terphenyl-d14	0.795	0.742	0.717	0.813	0.797	0.762	0.771	0.771	4.40
32)		Benzo(a)anthra...	1.547	1.450	1.409	1.626	1.619	1.524	1.535	1.530	5.25
33)		Chrysene	1.524	1.475	1.410	1.603	1.575	1.465	1.485	1.505	4.43
34)		Bis(2-ethylhex...	1.133	0.954	1.075	1.109	1.055	1.135	1.077		6.33
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.547	1.391	1.509	1.686	1.672	1.471	1.603	1.554	6.92
37)		Benzo(b)fluora...	1.430	1.216	1.341	1.523	1.534	1.454	1.482	1.426	7.91
38)		Benzo(k)fluora...	1.386	1.194	1.302	1.488	1.505	1.444	1.471	1.399	8.17
39)	C	Benzo(a)pyrene	1.216	1.049	1.152	1.313	1.318	1.247	1.295	1.227	8.01
40)		Dibenzo(a,h)an...	1.214	1.094	1.183	1.327	1.319	1.151	1.257	1.221	7.06
41)		Benzo(g,h,i)pe...	1.358	1.215	1.324	1.467	1.442	1.245	1.364	1.345	6.93

(#) = Out of Range