Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN112322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Nov 24 03:45:05 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN022848.D 0.2 =BN022849.D 0.4 =BN022850.D 0.8 =BN022851.D 1.6 =BN022852.D 3.2 =BN022853.D 5.0 =BN022854.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	0.572	0.524	0.539	0.523	0.529	0.491	0.464	0.520	6.68
3)		n-Nitrosodimet...	0.634	0.524	0.588	0.601	0.621	0.615	0.593	0.596	6.04
4)	S	2-Fluorophenol	1.339	1.289	1.236	1.182	1.173	1.094	1.053	1.195	8.52
5)	S	Phenol-d6	1.741	1.640	1.576	1.512	1.502	1.431	1.380	1.540	8.02
6)		bis(2-Chloroet...	1.766	1.574	1.531	1.417	1.391	1.330	1.257	1.466	11.67
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.330	0.306	0.306	0.292	0.305	0.312	0.326	0.311	4.28
9)		Naphthalene	1.280	1.249	1.289	1.219	1.263	1.244	1.251	1.256	1.85
10)		Hexachlorobuta...	0.262	0.255	0.265	0.250	0.258	0.251	0.253	0.256	2.18
11)	SURR	2-Methylnaphth...	0.881	0.755	0.805	0.938	0.789	1.110	1.004	0.897	14.32
12)		2-Methylnaphth...	0.297	0.292	0.300	0.294	0.302	0.317	0.325	0.304	4.12
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.231	0.228	0.236	0.218	0.229	0.246	0.256	0.235	5.37
15)	S	2-Fluorobiphenyl	1.816	1.767	1.808	1.687	1.742	1.752	1.764	1.762	2.45
16)		Acenaphthylene	2.329	2.223	2.342	2.185	2.281	2.320	2.339	2.288	2.71
17)		Acenaphthene	1.409	1.389	1.461	1.353	1.415	1.416	1.435	1.411	2.42
18)		Fluorene	1.884	1.789	1.848	1.743	1.797	1.856	1.827	1.820	2.62
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.031	0.031	0.033	0.033	0.035	0.040	0.046	0.036	15.39
21)		4-Bromophenyl-...	0.303	0.294	0.311	0.286	0.296	0.294	0.299	0.297	2.61
22)		Hexachlorobenzene	0.347	0.342	0.353	0.334	0.346	0.349	0.351	0.346	1.82
23)		Atrazine	0.239	0.232	0.239	0.222	0.232	0.242	0.245	0.236	3.37
24)		Pentachlorophenol	0.116	0.086	0.097	0.098	0.107	0.119	0.131	0.108	14.26
25)		Phenanthrene	1.430	1.341	1.428	1.313	1.356	1.355	1.380	1.372	3.19
26)		Anthracene	1.319	1.276	1.327	1.241	1.287	1.309	1.305	1.295	2.27
27)	SURR	Fluoranthene-d10	1.184	1.163	1.225	1.139	1.161	1.179	1.187	1.177	2.29
28)		Fluoranthene	1.591	1.530	1.616	1.501	1.541	1.549	1.546	1.554	2.46
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.826	1.776	1.891	1.763	1.769	1.910	1.962	1.843	4.30
31)	S	Terphenyl-d14	0.946	0.941	0.962	0.879	0.832	0.892	0.897	0.907	5.01
32)		Benzo(a)anthra...	1.696	1.646	1.729	1.604	1.613	1.667	1.688	1.663	2.72
33)		Chrysene	1.640	1.590	1.712	1.568	1.591	1.602	1.626	1.619	2.94
34)		Bis(2-ethylhex...	1.104	0.957	0.972	0.899	0.912	1.003	1.074	0.989	7.83
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.782	1.738	1.923	1.789	1.769	1.862	1.906	1.824	3.98
37)		Benzo(b)fluora...	1.612	1.569	1.685	1.599	1.663	1.656	1.736	1.646	3.44
38)		Benzo(k)fluora...	1.663	1.649	1.738	1.623	1.705	1.696	1.732	1.687	2.55
39)	C	Benzo(a)pyrene	1.330	1.295	1.399	1.306	1.356	1.357	1.414	1.351	3.29
40)		Dibenzo(a,h)an...	1.389	1.354	1.502	1.407	1.388	1.457	1.489	1.426	3.96
41)		Benzo(g,h,i)pe...	1.500	1.461	1.612	1.487	1.448	1.515	1.544	1.510	3.68

(#) = Out of Range