Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN091720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Sep 18 10:47:35 2020
Response Via : Initial Calibration

Calibration Files
0.1 =BN011819.D 0.2 =BN011820.D 0.4 =BN011821.D 0.8 =BN011822.D 1.6 =BN011823.D 3.2 =BN011824.D 5 =BN011825.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	0.729	0.586	0.598	0.554	0.588	0.562	0.539	0.594	10.64
3)		n-Nitrosodimet...		0.773	0.853	0.772	0.819	0.799	0.748	0.794	4.75
4)	S	2-Fluorophenol	1.230	1.157	1.302	1.103	1.182	1.169	1.127	1.181	5.65
5)	S	Phenol-d6	1.372	1.384	1.550	1.360	1.481	1.515	1.484	1.449	5.26
6)		bis(2-Chloroet...	1.339	1.251	1.328	1.229	1.304	1.267	1.214	1.276	3.83
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.398	0.385	0.422	0.395	0.419	0.411	0.393	0.403	3.51
9)		Naphthalene	1.149	1.112	1.169	1.110	1.155	1.128	1.060	1.126	3.23
10)		Hexachlorobuta...	0.277	0.259	0.271	0.258	0.266	0.251	0.234	0.260	5.37
11)	SURR	2-Methylnaphth...	0.711	0.675	0.733	0.699	0.736	0.728	0.687	0.710	3.36
12)		2-Methylnaphth...	0.773	0.743	0.802	0.772	0.808	0.795	0.748	0.777	3.28
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.201	0.182	0.209	0.193	0.212	0.217	0.209	0.204	5.96
15)	S	2-Fluorobiphenyl	1.791	1.716	1.840	1.692	1.795	1.689	1.589	1.730	4.91
16)		Acenaphthylene	1.925	1.835	1.950	1.863	2.029	2.002	1.904	1.930	3.64
17)		Acenaphthene	1.335	1.278	1.367	1.312	1.412	1.386	1.306	1.342	3.57
18)		Fluorene	1.661	1.592	1.734	1.650	1.755	1.721	1.612	1.675	3.75
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.054	0.055	0.067	0.066	0.073	0.083	0.082	0.068	16.73
21)		4-Bromophenyl-...	0.237	0.232	0.243	0.230	0.250	0.243	0.232	0.238	3.14
22)		Hexachlorobenzene	0.312	0.286	0.303	0.286	0.303	0.294	0.276	0.294	4.19
23)		Atrazine	0.212	0.202	0.212	0.204	0.220	0.228	0.217	0.214	4.22
24)		Pentachlorophenol		0.110	0.117	0.113	0.121	0.127	0.125	0.119	5.62
25)		Phenanthrene	1.279	1.217	1.294	1.229	1.312	1.305	1.231	1.267	3.14
26)		Anthracene	1.080	1.008	1.097	1.056	1.154	1.171	1.133	1.100	5.22
27)	SURR	Fluoranthene-d10	1.279	1.213	1.287	1.230	1.306	1.307	1.254	1.268	2.90
28)		Fluoranthene	1.492	1.390	1.483	1.433	1.552	1.541	1.471	1.480	3.84
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.488	1.349	1.436	1.361	1.452	1.389	1.297	1.396	4.75
31)	S	Terphenyl-d14	0.973	0.889	0.959	0.885	0.945	0.898	0.843	0.913	5.16
32)		Benzo(a)anthra...	1.385	1.245	1.390	1.325	1.436	1.391	1.308	1.354	4.78
33)		Chrysene	1.484	1.339	1.417	1.356	1.451	1.383	1.308	1.391	4.53
34)		Bis(2-ethylhex...	0.864	0.728	0.674	0.624	0.672	0.664	0.647	0.696	11.58
35)		Indeno(1,2,3-c...	1.706	1.608	1.848	1.732	1.801	1.796	1.660	1.736	4.90

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.490	1.408	1.512	1.443	1.556	1.559	1.465	1.490	3.79
38)		Benzo(k)fluora...	1.431	1.438	1.627	1.572	1.651	1.575	1.493	1.541	5.71
39)	C	Benzo(a)pyrene	1.320	1.231	1.354	1.294	1.381	1.389	1.323	1.328	4.10
40)		Dibenzo(a,h)an...	1.383	1.275	1.519	1.476	1.558	1.572	1.463	1.464	7.17
41)		Benzo(g,h,i)pe...	1.527	1.478	1.661	1.562	1.612	1.602	1.485	1.561	4.39

(#) = Out of Range