Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN062622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Jun 27 02:03:21 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN020463.D 0.2 =BN020464.D 0.4 =BN020465.D 0.8 =BN020466.D 1.6 =BN020467.D 3.2 =BN020468.D 5.0 =BN020469.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	0.613	0.537	0.501	0.558	0.527	0.479	0.455	0.524	10.02
3)		n-Nitrosodimet...	0.445	0.478	0.446	0.506	0.506	0.485	0.479	0.478	5.18
4)	S	2-Fluorophenol	1.302	1.143	1.082	1.152	1.094	1.015	0.986	1.110	9.40
5)	S	Phenol-d6	1.398	1.292	1.264	1.383	1.359	1.304	1.286	1.327	3.97
6)		bis(2-Chloroet...	1.137	1.098	1.084	1.238	1.204	1.133	1.096	1.142	5.15
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.310	0.324	0.295	0.330	0.332	0.334	0.344	0.324	5.02
9)		Naphthalene	1.216	1.188	1.148	1.258	1.225	1.169	1.158	1.195	3.35
10)		Hexachlorobuta...	0.233	0.224	0.211	0.227	0.220	0.207	0.202	0.218	5.16
11)	SURR	2-Methylnaphth...	0.693	0.664	0.649	0.727	0.709	0.680	0.677	0.686	3.90
12)		2-Methylnaphth...	0.802	0.765	0.761	0.834	0.822	0.791	0.783	0.794	3.43
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.160	0.141	0.130	0.148	0.153	0.157	0.165	0.151	7.92
15)	S	2-Fluorobiphenyl	1.691	1.637	1.623	1.747	1.687	1.607	1.567	1.651	3.67
16)		Acenaphthylene	1.832	1.770	1.761	1.967	2.023	2.044	2.061	1.923	6.83
17)		Acenaphthene	1.337	1.289	1.263	1.364	1.343	1.285	1.276	1.308	2.99
18)		Fluorene	1.790	1.678	1.625	1.782	1.735	1.679	1.659	1.707	3.71
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...		0.032	0.038	0.051	0.060	0.075		0.051	33.71
21)		4-Bromophenyl-...	0.238	0.235	0.216	0.241	0.238	0.228	0.232	0.233	3.68
22)		Hexachlorobenzene	0.272	0.259	0.239	0.267	0.264	0.250	0.252	0.257	4.40
23)		Atrazine	0.191	0.177	0.165	0.181	0.185	0.187	0.197	0.183	5.56
24)		Pentachlorophenol	0.055	0.048	0.045	0.057	0.064	0.073	0.083	0.061	22.36
25)		Phenanthrene	1.426	1.371	1.260	1.392	1.374	1.297	1.321	1.349	4.31
26)		Anthracene	1.137	1.105	1.054	1.206	1.227	1.188	1.223	1.163	5.67
27)	SURR	Fluoranthene-d10	1.233	1.146	1.096	1.242	1.221	1.177	1.203	1.188	4.44
28)		Fluoranthene	1.503	1.390	1.358	1.550	1.540	1.470	1.490	1.471	4.94
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.814	1.764	1.651	1.747	1.693	1.621	1.565	1.694	5.17
31)	S	Terphenyl-d14	1.021	0.992	0.935	0.996	0.966	0.909	0.874	0.956	5.50
32)		Benzo(a)anthra...	1.458	1.381	1.343	1.439	1.457	1.483	1.442	1.429	3.46
33)		Chrysene	1.640	1.609	1.525	1.679	1.635	1.504	1.484	1.582	4.84
34)		Bis(2-ethylhex...	1.041	0.857	0.714	0.722	0.733	0.765	0.806	0.805	14.38
35)	I	Perylene-d12	----------	ISTD	----------						

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36)		Indeno(1,2,3-c...	1.705	1.610	1.699	1.879	1.869	1.826	1.887	1.782	6.16
37)		Benzo(b)fluora...	1.500	1.443	1.468	1.610	1.597	1.566	1.607	1.541	4.54
38)		Benzo(k)fluora...	1.575	1.558	1.535	1.763	1.738	1.674	1.642	1.641	5.44
39)	C	Benzo(a)pyrene	1.304	1.253	1.275	1.399	1.405	1.345	1.374	1.337	4.52
40)		Dibenzo(a,h)an...	1.339	1.283	1.349	1.517	1.517	1.479	1.519	1.429	7.11
41)		Benzo(g,h,i)pe...	1.526	1.463	1.513	1.664	1.611	1.555	1.597	1.561	4.33

(#) = Out of Range