Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 14 01:55:04 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN021729.D 0.2 =BN021730.D 0.4 =BN021731.D 0.8 =BN021732.D 1.6 =BN021733.D 3.2 =BN021734.D 5.0 =BN021735.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	0.532	0.653	0.488	0.497	0.516	0.475	0.458	0.517	12.54
3)		n-Nitrosodimet...	0.496	0.666	0.496	0.514	0.527	0.498	0.479	0.525	12.15
4)	S	2-Fluorophenol	1.064	1.385	1.007	0.976	0.998	0.963	0.933	1.046	14.78
5)	S	Phenol-d6	1.287	1.722	1.247	1.227	1.287	1.262	1.255	1.327	13.24
6)		bis(2-Chloroet...	1.276	1.716	1.257	1.255	1.301	1.215	1.192	1.316	13.69
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.312	0.408	0.307	0.307	0.319	0.325	0.336	0.331	10.82
9)		Naphthalene	1.109	1.498	1.121	1.118	1.154	1.124	1.140	1.181	11.92
10)		Hexachlorobuta...	0.189	0.254	0.191	0.187	0.190	0.184	0.185	0.197	12.76
11)	SURR	2-Methylnaphth...	0.795	1.303	0.982	0.969	1.023	0.964	1.028	1.009	14.96
12)		2-Methylnaphth...	0.205	0.294	0.223	0.227	0.255	0.277	0.293	0.254	14.17
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.163	0.214	0.165	0.162	0.177	0.195	0.204	0.183	11.64
15)	S	2-Fluorobiphenyl	1.537	2.056	1.566	1.542	1.598	1.565	1.570	1.633	11.47
16)		Acenaphthylene	1.635	2.229	1.724	1.764	1.928	2.006	2.087	1.910	11.18
17)		Acenaphthene	1.209	1.625	1.232	1.230	1.282	1.281	1.277	1.305	11.03
18)		Fluorene	1.616	2.152	1.660	1.632	1.718	1.688	1.681	1.735	10.77
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...								0.000	-1.00
21)		4-Bromophenyl-...	0.228	0.310	0.228	0.228	0.241	0.240	0.251	0.246	11.84
22)		Hexachlorobenzene	0.252	0.357	0.257	0.262	0.272	0.263	0.276	0.277	13.08
23)		Atrazine	0.183	0.244	0.183	0.183	0.201	0.210	0.220	0.204	11.31
24)		Pentachlorophenol	0.077	0.111	0.087	0.090	0.105	0.123	0.135	0.104	19.89
25)		Phenanthrene	1.237	1.693	1.258	1.250	1.323	1.300	1.329	1.341	11.88
26)		Anthracene	1.000	1.358	1.027	1.052	1.140	1.166	1.211	1.136	10.97
27)	SURR	Fluoranthene-d10	0.978	1.326	1.002	1.003	1.064	1.067	1.094	1.076	10.96
28)		Fluoranthene	1.303	1.778	1.344	1.374	1.453	1.434	1.439	1.447	10.81
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.803	2.603	1.949	1.801	1.986	1.858	1.904	1.986	14.13
31)	S	Terphenyl-d14	0.929	1.235	0.893	0.862	0.900	0.876	0.706	0.914	17.38
32)		Benzo(a)anthra...	1.451	1.899	1.430	1.422	1.499	1.501	1.536	1.534	10.84
33)		Chrysene	1.490	2.063	1.524	1.486	1.551	1.522	1.526	1.595	13.04
34)		Bis(2-ethylhex...	1.159	1.261	0.927	0.844	0.921	0.992	1.073	1.025	14.37
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.626	2.313	1.794	1.841	1.892	1.908	1.930	1.900	10.98
37)		Benzo(b)fluora...	1.588	2.240	1.709	1.748	1.795	1.793	1.847	1.817	11.23
38)		Benzo(k)fluora...	1.580	2.122	1.697	1.685	1.759	1.785	1.807	1.776	9.58
39)	C	Benzo(a)pyrene	1.279	1.797	1.341	1.378	1.436	1.448	1.456	1.448	11.53
40)		Dibenzo(a,h)an...	1.272	1.809	1.423	1.462	1.508	1.512	1.543	1.504	10.74
41)		Benzo(g,h,i)pe...	1.381	1.881	1.454	1.494	1.525	1.523	1.580	1.548	10.30

(#) = Out of Range