Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN111921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Nov 19 14:57:14 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN017516.D 0.2 =BN017517.D 0.4 =BN017518.D 0.8 =BN017519.D 1.6 =BN017520.D 3.2 =BN017521.D 5 =BN017522.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	0.191	0.177	0.183	0.211	0.209	0.191	0.181	0.192	6.93
3)		n-Nitrosodimet...	0.360	0.350	0.387	0.438	0.425	0.413	0.390	0.395	8.30
4)	S	2-Fluorophenol	0.972	0.922	0.992	1.083	1.036	0.998	0.936	0.991	5.64
5)	S	Phenol-d6	1.078	1.012	1.120	1.220	1.178	1.145	1.076	1.118	6.26
6)		bis(2-Chloroet...	1.157	1.093	1.191	1.273	1.185	1.092	1.000	1.142	7.72
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.239	0.219	0.243	0.275	0.278	0.296	0.295	0.263	11.44
9)		Naphthalene	1.030	0.956	1.032	1.103	1.038	0.994	0.951	1.015	5.19
10)		Hexachlorobuta...	0.193	0.185	0.203	0.217	0.207	0.201	0.195	0.200	5.22
11)	SURR	2-Methylnaphth...	0.646	0.618	0.675	0.731	0.696	0.667	0.631	0.666	5.86
12)		2-Methylnaphth...	0.643	0.613	0.673	0.720	0.675	0.641	0.606	0.653	6.06
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.110	0.099	0.116	0.139	0.151			0.123	17.42
15)	S	2-Fluorobiphenyl	1.457	1.375	1.526	1.641	1.531	1.485	1.413	1.490	5.87
16)		Acenaphthylene	1.331	1.281	1.502	1.788	1.787	1.767	1.716	1.596	13.90
17)		Acenaphthene	1.048	0.985	1.108	1.213	1.149	1.126	1.087	1.102	6.63
18)		Fluorene	1.238	1.180	1.332	1.481	1.411	1.370	1.286	1.328	7.78
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.008	0.007	0.011	0.018	0.027	0.041		0.019	70.68
21)		4-Bromophenyl-...	0.199	0.191	0.214	0.242	0.234	0.232	0.225	0.220	8.63
22)		Hexachlorobenzene	0.228	0.215	0.236	0.265	0.247	0.241	0.230	0.237	6.67
23)		Atrazine	0.124	0.117	0.136	0.170	0.180			0.146	19.18
24)		Pentachlorophenol	0.053	0.043	0.053	0.071	0.081	0.097	0.105	0.072	32.80
25)		Phenanthrene	1.074	1.029	1.126	1.253	1.169	1.123	1.064	1.120	6.70
26)		Anthracene	0.820	0.799	0.919	1.069	1.043	1.041	1.008	0.957	11.66
27)	SURR	Fluoranthene-d10	1.110	1.087	1.214	1.391	1.319	1.280	1.211	1.230	8.88
28)		Fluoranthene	1.122	1.111	1.268	1.430	1.317	1.246	1.172	1.238	9.21
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.316	1.228	1.337	1.455	1.391	1.396	1.351	1.353	5.30
31)	S	Terphenyl-d14	0.862	0.808	0.876	0.946	0.901	0.896	0.862	0.879	4.84
32)		Benzo(a)anthra...	1.099	1.029	1.182	1.374	1.356	1.368	1.309	1.245	11.37
33)		Chrysene	1.301	1.226	1.358	1.460	1.363	1.330	1.269	1.330	5.68
34)		Bis(2-ethylhex...	0.442	0.375	0.419	0.531	0.634			0.480	21.47
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.024	1.021	1.164	1.355	1.341	1.342	1.299	1.221	12.28
37)		Benzo(b)fluora...	1.273	1.263	1.451	1.653	1.600	1.541	1.405	1.455	10.51
38)		Benzo(k)fluora...	1.303	1.279	1.432	1.599	1.476	1.424	1.368	1.412	7.71
39)	C	Benzo(a)pyrene	1.016	0.969	1.149	1.351	1.332	1.324	1.264	1.201	13.14
40)		Dibenzo(a,h)an...	0.836	0.836	0.957	1.117	1.101	1.100	1.071	1.002	12.52
41)		Benzo(g,h,i)pe...	0.891	0.885	0.999	1.159	1.139	1.139	1.105	1.045	11.43

(#) = Out of Range