Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN103020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 30 14:49:10 2020
Response Via : Initial Calibration

Calibration Files
0.1 =BN012462.D 0.2 =BN012463.D 0.4 =BN012464.D 0.8 =BN012465.D 1.6 =BN012466.D 3.2 =BN012467.D 5 =BN012468.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	0.771	0.874	0.545	0.670	0.667	0.594	0.583	0.672	17.23
3)		n-Nitrosodimet...		1.738	1.575	1.625	1.739	1.640	1.601	1.653	4.23
4)	S	2-Fluorophenol	1.659	1.485	1.277	1.344	1.412	1.351	1.315	1.406	9.28
5)	S	Phenol-d6	1.707	1.724	1.559	1.715	1.854	1.782	1.772	1.730	5.27
6)		bis(2-Chloroet...	0.998	0.977	0.999	1.134	1.268	1.268	1.266	1.130	12.25
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.445	0.405	0.407	0.466	0.509	0.511	0.483	0.461	9.57
9)		Naphthalene	1.211	1.134	1.019	1.127	1.187	1.147	1.080	1.129	5.69
10)		Hexachlorobuta...	0.256	0.243	0.221	0.234	0.242	0.231	0.215	0.235	5.89
11)	SURR	2-Methylnaphth...	0.660	0.629	0.588	0.664	0.706	0.692	0.651	0.656	5.96
12)		2-Methylnaphth...	0.691	0.708	0.669	0.741	0.798	0.779	0.736	0.732	6.33
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.277	0.260	0.243	0.256	0.283	0.287	0.285	0.270	6.29
15)	S	2-Fluorobiphenyl	1.419	1.465	1.372	1.513	1.623	1.596	1.535	1.503	6.05
16)		Acenaphthylene	2.022	1.945	1.782	1.937	2.108	2.112	2.028	1.991	5.77
17)		Acenaphthene	1.328	1.295	1.144	1.242	1.312	1.315	1.267	1.272	5.03
18)		Fluorene	1.618	1.545	1.441	1.540	1.673	1.664	1.617	1.585	5.18
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.074	0.060	0.066	0.081	0.099	0.100	0.098	0.083	20.10
21)		4-Bromophenyl-...	0.234	0.225	0.217	0.248	0.271	0.260	0.246	0.243	7.88
22)		Hexachlorobenzene	0.345	0.303	0.276	0.309	0.321	0.301	0.281	0.305	7.68
23)		Atrazine	0.237	0.231	0.205	0.230	0.253	0.243	0.230	0.233	6.42
24)		Pentachlorophenol		0.135	0.120	0.133	0.150	0.148	0.143	0.138	8.14
25)		Phenanthrene	1.192	1.135	1.056	1.203	1.303	1.262	1.193	1.192	6.76
26)		Anthracene	1.090	1.013	0.959	1.106	1.225	1.206	1.153	1.107	8.79
27)	SURR	Fluoranthene-d10	1.267	1.187	1.109	1.238	1.338	1.296	1.241	1.239	6.04
28)		Fluoranthene	1.424	1.341	1.228	1.380	1.519	1.468	1.408	1.395	6.71
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.488	1.380	1.243	1.356	1.447	1.375	1.281	1.367	6.28
31)	S	Terphenyl-d14	0.984	0.933	0.841	0.921	1.002	0.952	0.879	0.930	6.08
32)		Benzo(a)anthra...	1.207	1.163	1.112	1.254	1.379	1.353	1.263	1.247	7.72
33)		Chrysene	1.529	1.396	1.250	1.327	1.418	1.325	1.278	1.361	7.00
34)		Bis(2-ethylhex...	0.913	0.800	0.747	0.781	0.842	0.821	0.801	0.815	6.47
35)		Indeno(1,2,3-c...	2.082	2.058	1.960	2.021	2.074	1.929	1.806	1.990	5.01

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.300	1.265	1.113	1.282	1.406	1.371	1.296	1.290	7.21
38)		Benzo(k)fluora...	1.511	1.327	1.217	1.316	1.405	1.390	1.299	1.352	6.92
39)	C	Benzo(a)pyrene	1.350	1.139	1.088	1.228	1.313	1.282	1.216	1.231	7.61
40)		Dibenzo(a,h)an...	1.388	1.382	1.297	1.402	1.490	1.443	1.356	1.394	4.41
41)		Benzo(g,h,i)pe...	1.582	1.492	1.355	1.455	1.516	1.444	1.344	1.455	5.87

(#) = Out of Range