Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN031222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Mar 11 23:19:11 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN018923.D 0.2 =BN018924.D 0.4 =BN018925.D 0.8 =BN018926.D 1.6 =BN018927.D 3.2 =BN018928.D 5.0 =BN018929.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	0.447	0.480	0.482	0.534	0.488	0.456	0.423	0.473	7.55
3)		n-Nitrosodimet...	0.503	0.525	0.548	0.612	0.570	0.540	0.525	0.546	6.51
4)	S	2-Fluorophenol	1.029	1.051	1.006	1.084	1.004	0.950	0.916	1.006	5.70
5)	S	Phenol-d6	1.117	1.176	1.153	1.248	1.190	1.166	1.167	1.174	3.41
6)		bis(2-Chloroet...	1.114	1.156	1.185	1.257	1.189	1.128	1.109	1.163	4.52
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.303	0.330	0.302	0.342	0.335	0.346	0.364	0.332	6.78
9)		Naphthalene	1.105	1.118	1.141	1.249	1.184	1.142	1.150	1.156	4.19
10)		Hexachlorobuta...	0.267	0.259	0.261	0.283	0.265	0.255	0.253	0.263	3.85
11)	SURR	2-Methylnaphth...	0.623	0.627	0.650	0.706	0.674	0.656	0.678	0.659	4.45
12)		2-Methylnaphth...	0.729	0.742	0.769	0.841	0.809	0.779	0.795	0.781	4.96
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.183	0.188	0.194	0.215	0.210	0.216	0.258	0.209	12.08
15)	S	2-Fluorobiphenyl	1.668	1.739	1.686	1.885	1.772	1.728	1.711	1.741	4.12
16)		Acenaphthylene	1.672	1.685	1.757	2.050	2.018	2.073	2.172	1.918	10.77
17)		Acenaphthene	1.223	1.248	1.288	1.443	1.361	1.352	1.401	1.331	6.07
18)		Fluorene	1.594	1.618	1.676	1.849	1.730	1.687	1.751	1.701	5.05
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.053	0.061	0.065	0.079	0.084			0.068	19.02
21)		4-Bromophenyl-...	0.243	0.251	0.262	0.291	0.284	0.287	0.285	0.272	7.20
22)		Hexachlorobenzene	0.298	0.307	0.315	0.347	0.330	0.330	0.326	0.322	5.11
23)		Atrazine	0.170	0.167	0.162	0.184	0.183	0.188	0.221	0.182	10.73
24)		Pentachlorophenol		0.081	0.082	0.094	0.102	0.117		0.096	15.63
25)		Phenanthrene	1.304	1.288	1.317	1.440	1.369	1.350	1.371	1.349	3.82
26)		Anthracene	1.033	1.069	1.111	1.249	1.218	1.224	1.280	1.169	8.25
27)	SURR	Fluoranthene-d10	1.097	1.049	1.079	1.188	1.148	1.125	1.240	1.132	5.82
28)		Fluoranthene	1.370	1.310	1.365	1.521	1.470	1.427	1.534	1.428	5.92
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.779	1.922	1.908	2.101	1.935	1.937	1.878	1.923	4.98
31)	S	Terphenyl-d14	0.821	0.895	0.873	0.993	0.894	0.878	0.868	0.889	5.87
32)		Benzo(a)anthra...	1.477	1.507	1.506	1.667	1.609	1.627	1.693	1.584	5.45
33)		Chrysene	1.583	1.630	1.653	1.830	1.694	1.657	1.636	1.669	4.70
34)		Bis(2-ethylhex...	0.786	0.691	0.630	0.652	0.671	0.700	0.885	0.716	12.49
35)	I	Perylene-d12	----------	ISTD	----------						

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN031222.M

36)		Indeno(1,2,3-c...	1.611	1.711	1.796	2.006	1.988	1.983	1.883	1.854	8.28
37)		Benzo(b)fluora...	1.628	1.711	1.732	1.937	1.835	1.833	1.934	1.801	6.45
38)		Benzo(k)fluora...	1.578	1.584	1.686	1.960	1.846	1.936	1.909	1.786	9.29
39)	C	Benzo(a)pyrene	1.327	1.346	1.382	1.555	1.507	1.489	1.542	1.450	6.60
40)		Dibenzo(a,h)an...	1.185	1.291	1.380	1.552	1.555	1.553	1.468	1.426	10.29
41)		Benzo(g,h,i)pe...	1.632	1.529	1.533	1.694	1.664	1.647	1.539	1.605	4.35

(#) = Out of Range