Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN092922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Sep 30 02:27:15 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN021941.D 0.2 =BN021942.D 0.4 =BN021943.D 0.8 =BN021944.D 1.6 =BN021945.D 3.2 =BN021946.D 5.0 =BN021947.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	0.734	0.706	0.550	0.523	0.523	0.479	0.454	0.567	19.28
3)		n-Nitrosodimet...	0.534	0.742	0.582	0.561	0.563	0.523	0.504	0.573	13.83
4)	S	2-Fluorophenol	1.060	1.398	1.052	0.997	1.024	0.975	0.946	1.065	14.34
5)	S	Phenol-d6	1.291	1.720	1.293	1.266	1.316	1.278	1.251	1.345	12.40
6)		bis(2-Chloroet...	1.281	1.688	1.310	1.268	1.279	1.204	1.155	1.312	13.26
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.301	0.407	0.324	0.307	0.329	0.329	0.343	0.334	10.54
9)		Naphthalene	1.135	1.513	1.199	1.121	1.167	1.143	1.152	1.204	11.49
10)		Hexachlorobuta...	0.199	0.265	0.210	0.194	0.202	0.198	0.197	0.209	11.89
11)	SURR	2-Methylnaphth...	0.817	1.077	0.850	0.804	0.847	0.791	0.854	0.863	11.30
12)		2-Methylnaphth...	0.208	0.274	0.211	0.219	0.236	0.247	0.264	0.237	11.00
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.157	0.203	0.159	0.157	0.167	0.172	0.186	0.171	10.07
15)	S	2-Fluorobiphenyl	1.785	2.245	1.763	1.615	1.698	1.625	1.652	1.769	12.42
16)		Acenaphthylene	1.587	2.152	1.703	1.689	1.899	1.931	2.054	1.859	11.15
17)		Acenaphthene	1.224	1.653	1.316	1.227	1.308	1.275	1.300	1.329	11.11
18)		Fluorene	1.567	2.062	1.662	1.563	1.617	1.588	1.600	1.666	10.69
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.049	0.056	0.044	0.045	0.049	0.053	0.066	0.052	14.73
21)		4-Bromophenyl-...	0.240	0.306	0.242	0.230	0.247	0.249	0.252	0.252	9.80
22)		Hexachlorobenzene	0.277	0.365	0.289	0.272	0.281	0.284	0.284	0.293	11.02
23)		Atrazine	0.201	0.242	0.190	0.192	0.202	0.207	0.216	0.207	8.54
24)		Pentachlorophenol	0.084	0.112	0.088	0.093	0.102	0.112	0.123	0.102	14.02
25)		Phenanthrene	1.292	1.696	1.346	1.269	1.326	1.317	1.339	1.369	10.69
26)		Anthracene	1.001	1.318	1.040	1.025	1.108	1.142	1.193	1.118	9.98
27)	SURR	Fluoranthene-d10	1.010	1.324	1.051	1.010	1.052	1.060	1.072	1.083	10.08
28)		Fluoranthene	1.375	1.783	1.428	1.377	1.448	1.439	1.443	1.470	9.59
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.770	2.230	1.843	1.721	1.834	1.775	1.771	1.849	9.36
31)	S	Terphenyl-d14	0.850	1.137	0.892	0.838	0.830	0.825	0.814	0.884	12.95
32)		Benzo(a)anthra...	1.477	1.882	1.496	1.411	1.515	1.511	1.563	1.551	9.86
33)		Chrysene	1.540	2.041	1.667	1.472	1.563	1.523	1.539	1.621	11.99
34)		Bis(2-ethylhex...	1.175	1.109	0.836	0.770	0.825	0.865	0.936	0.931	16.51
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN092922.M

36)		Indeno(1,2,3-c...	2.023	2.594	2.132	1.964	2.039	2.017	2.055	2.118	10.20
37)		Benzo(b)fluora...	1.690	2.337	1.890	1.730	1.802	1.742	1.832	1.861	11.86
38)		Benzo(k)fluora...	1.599	2.281	1.825	1.665	1.784	1.774	1.779	1.815	12.12
39)	C	Benzo(a)pyrene	1.265	1.710	1.376	1.322	1.406	1.407	1.454	1.420	10.02
40)		Dibenzo(a,h)an...	1.559	2.069	1.734	1.581	1.635	1.621	1.635	1.690	10.39
41)		Benzo(g,h,i)pe...	2.083	2.294	1.900	1.643	1.662	1.654	1.672	1.844	14.03

(#) = Out of Range