Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Dec 14 01:08:04 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN017977.D 0.2 =BN017978.D 0.4 =BN017979.D 0.8 =BN017980.D 1.6 =BN017981.D 3.2 =BN017982.D 5.0 =BN017983.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	0.244	0.236	0.244	0.274	0.267	0.248	0.233	0.249	6.15
3)		n-Nitrosodimet...	0.337	0.330	0.358	0.418	0.408	0.389	0.371	0.373	9.11
4)	S	2-Fluorophenol	0.850	0.770	0.830	0.941	0.926	0.900	0.853	0.867	6.86
5)	S	Phenol-d6	0.776	0.698	0.805	0.958	0.969	0.961	0.918	0.869	12.49
6)		bis(2-Chloroet...	0.986	0.946	1.006	1.165	1.104	1.031	0.950	1.027	7.91
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.224	0.230	0.254	0.316	0.316	0.323	0.324	0.284	16.20
9)		Naphthalene	1.051	0.964	0.974	1.098	1.018	0.983	0.939	1.004	5.53
10)		Hexachlorobuta...	0.282	0.267	0.270	0.305	0.283	0.271	0.257	0.276	5.60
11)	SURR	2-Methylnaphth...	0.608	0.592	0.634	0.750	0.713	0.692	0.654	0.663	8.68
12)		2-Methylnaphth...	0.577	0.567	0.607	0.713	0.671	0.643	0.610	0.627	8.33
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.093	0.125	0.187	0.215	0.240	0.244	0.184	33.94	
15)	S	2-Fluorobiphenyl	1.155	1.193	1.315	1.601	1.550	1.500	1.443	1.394	12.58
16)		Acenaphthylene	1.508	1.475	1.579	1.866	1.774	1.731	1.647	1.654	8.70
17)		Acenaphthene	0.993	0.952	1.006	1.166	1.116	1.090	1.045	1.053	7.15
18)		Fluorene	1.162	1.140	1.236	1.477	1.412	1.350	1.261	1.291	9.79
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.007	0.008	0.014	0.032	0.047	0.070	0.085	0.038	81.68
21)		4-Bromophenyl-...	0.197	0.196	0.228	0.276	0.269	0.271	0.259	0.242	14.51
22)		Hexachlorobenzene	0.295	0.280	0.282	0.315	0.295	0.287	0.271	0.289	4.91
23)		Atrazine	0.124	0.118	0.138	0.184	0.197	0.209	0.203	0.168	23.46
24)		Pentachlorophenol	0.020	0.028	0.053	0.071	0.102	0.119	0.065	60.31	
25)		Phenanthrene	0.952	0.919	0.976	1.142	1.091	1.061	0.988	1.018	7.97
26)		Anthracene	0.772	0.752	0.871	1.052	1.023	1.016	0.947	0.919	13.38
27)	SURR	Fluoranthene-d10	1.280	1.234	1.291	1.496	1.411	1.379	1.260	1.336	7.12
28)		Fluoranthene	1.252	1.199	1.259	1.422	1.312	1.272	1.171	1.269	6.45
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.259	1.260	1.312	1.444	1.368	1.304	1.244	1.313	5.46
31)	S	Terphenyl-d14	0.742	0.762	0.814	0.913	0.892	0.876	0.836	0.834	7.81
32)		Benzo(a)anthra...	1.054	0.973	1.086	1.382	1.356	1.317	1.256	1.203	13.58
33)		Chrysene	1.221	1.239	1.280	1.387	1.309	1.308	1.238	1.283	4.51
34)		Bis(2-ethylhex...	0.469	0.434	0.515	0.648	0.659	0.710	0.701	0.591	19.47
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.113	1.135	1.264	1.551	1.482	1.455	1.373	1.339	12.88
37)		Benzo(b)fluora...	1.035	1.021	1.107	1.353	1.308	1.275	1.218	1.188	11.26
38)		Benzo(k)fluora...	0.991	0.999	1.102	1.344	1.269	1.253	1.158	1.160	11.81
39)	C	Benzo(a)pyrene	1.173	1.111	1.166	1.341	1.276	1.241	1.163	1.210	6.56
40)		Dibenzo(a,h)an...	0.884	0.899	0.921	1.182	1.152	1.160	1.111	1.044	13.00
41)		Benzo(g,h,i)pe...	1.165	1.133	1.207	1.411	1.330	1.298	1.226	1.253	7.85

(#) = Out of Range