Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 04 05:24:34 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014827.D 0.2 =BN014828.D 0.4 =BN014829.D 0.8 =BN014830.D 1.6 =BN014831.D 3.2 =BN014832.D 5.0 =BN014833.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	0.761	0.484	0.592	0.521	0.553	0.456	0.453	0.546	19.69
3)		n-Nitrosodimet...		0.031	0.009	0.094	0.101	0.124	0.080	0.073	60.35
4)	S	2-Fluorophenol	0.817	0.783	0.784	0.762	0.872	0.802	0.778	0.800	4.53
5)	S	Phenol-d6	0.873	0.845	0.970	1.051	1.251	1.161	1.141	1.042	14.68
6)		bis(2-Chloroet...	0.887	0.981	0.790	1.021	1.070	0.981	0.969	0.957	9.63
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.244	0.323	0.270	0.321	0.347	0.355	0.357	0.317	13.86
9)		Naphthalene	1.143	1.134	1.040	1.104	1.125	1.092	1.068	1.101	3.38
10)		Hexachlorobuta...	0.351	0.314	0.296	0.318	0.317	0.302	0.292	0.313	6.28
11)	SURR	2-Methylnaphth...	0.729	0.768	0.658	0.705	0.749	0.744	0.724	0.725	4.96
12)		2-Methylnaphth...	0.658	0.747	0.702	0.768	0.782	0.783	0.765	0.744	6.31
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.145	0.168	0.153	0.200	0.183	0.211	0.225	0.184	16.24
15)	S	2-Fluorobiphenyl	1.236	1.364	1.299	1.520	1.531	1.507	1.516	1.425	8.63
16)		Acenaphthylene	1.376	1.375	1.251	1.412	1.470	1.532	1.575	1.427	7.64
17)		Acenaphthene	1.208	1.130	0.996	1.105	1.100	1.070	1.118	1.104	5.79
18)		Fluorene	1.533	1.438	1.357	1.487	1.517	1.493	1.496	1.474	4.05
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.003	0.009	0.008	0.022	0.035	0.043	0.049	0.024	76.59
21)		4-Bromophenyl-...	0.208	0.245	0.235	0.262	0.281	0.279	0.281	0.256	10.95
22)		Hexachlorobenzene	0.338	0.357	0.316	0.328	0.328	0.323	0.320	0.330	4.19
23)		Atrazine	0.168	0.140	0.135	0.131	0.145	0.155	0.160	0.148	9.21
24)		Pentachlorophenol		0.036	0.037	0.044	0.062	0.070		0.050	31.07
25)		Phenanthrene	1.068	1.113	1.011	1.089	1.127	1.140	1.129	1.097	4.12
26)		Anthracene	0.733	0.836	0.782	0.856	0.895	0.959	0.963	0.861	10.00
27)	SURR	Fluoranthene-d10	1.533	1.548	1.320	1.316	1.389	1.415	1.407	1.418	6.50
28)		Fluoranthene	1.418	1.430	1.362	1.437	1.508	1.565	1.560	1.469	5.25
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.256	1.280	1.141	1.102	1.148	1.114	1.041	1.155	7.38
31)	S	Terphenyl-d14	0.923	0.984	0.927	1.062	0.998	0.975	0.918	0.970	5.38
32)		Benzo(a)anthra...	0.907	0.890	0.884	0.946	1.041	1.133	1.086	0.984	10.33
33)		Chrysene	1.438	1.437	1.313	1.297	1.310	1.317	1.308	1.346	4.69
34)		Bis(2-ethylhex...		0.379	0.287	0.255	0.251	0.245	0.252	0.278	18.53
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.487	1.513	1.542	1.578	1.758	1.763	1.805	1.635	8.24
37)		Benzo(b)fluora...	1.317	1.347	1.366	1.411	1.526	1.515	1.551	1.433	6.69
38)		Benzo(k)fluora...	1.549	1.600	1.607	1.606	1.708	1.716	1.620	1.629	3.73
39)	C	Benzo(a)pyrene	1.099	1.167	1.229	1.253	1.312	1.329	1.320	1.244	6.96
40)		Dibenzo(a,h)an...	1.190	1.199	1.256	1.298	1.465	1.487	1.545	1.349	10.90
41)		Benzo(g,h,i)pe...	1.526	1.528	1.524	1.488	1.593	1.572	1.605	1.548	2.76

(#) = Out of Range