Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN081221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Aug 13 10:53:03 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN015854.D 0.2 =BN015855.D 0.4 =BN015868.D 0.8 =BN015857.D 1.6 =BN015858.D 3.2 =BN015859.D 5 =BN015860.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	0.140	0.151	0.162	0.166	0.167	0.163	0.154	0.158	6.18
3)		n-Nitrosodimet...	0.346	0.362	0.376	0.420	0.454	0.455	0.437	0.407	11.12
4)	S	2-Fluorophenol	1.135	0.963	0.973	0.970	1.006	0.965	0.908	0.989	7.17
5)	S	Phenol-d6	1.535	1.290	1.307	1.326	1.376	1.329	1.248	1.344	6.88
6)		bis(2-Chloroet...	1.154	1.083	1.086	1.076	1.090	1.030	0.954	1.068	5.77
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.355	0.325	0.295	0.314	0.342	0.357	0.353	0.334	7.22
9)		Naphthalene	1.118	1.034	1.014	1.027	1.041	1.021	0.978	1.033	4.11
10)		Hexachlorobuta...	0.300	0.282	0.278	0.282	0.285	0.279	0.267	0.282	3.48
11)	SURR	2-Methylnaphth...	0.648	0.641	0.634	0.649	0.662	0.650	0.626	0.644	1.85
12)		2-Methylnaphth...	0.752	0.698	0.738	0.705	0.715	0.690	0.689	0.712	3.44
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.169	0.143	0.146	0.165	0.190	0.207	0.213	0.176	15.84
15)	S	2-Fluorobiphenyl	1.926	1.688	1.481	1.515	1.519	1.481	1.422	1.576	11.12
16)		Acenaphthylene	1.561	1.457	1.487	1.606	1.745	1.743	1.690	1.613	7.31
17)		Acenaphthene	1.189	1.091	1.041	1.103	1.150	1.132	1.103	1.116	4.22
18)		Fluorene	1.475	1.348	1.322	1.383	1.421	1.420	1.369	1.391	3.70
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.019	0.023	0.025	0.034	0.046	0.059	0.066	0.039	47.28
21)		4-Bromophenyl-...	0.227	0.210	0.206	0.216	0.224	0.222	0.213	0.217	3.57
22)		Hexachlorobenzene	0.305	0.280	0.275	0.281	0.287	0.285	0.270	0.283	3.96
23)		Atrazine	0.157	0.150	0.154	0.173	0.196	0.214	0.210	0.179	15.33
24)		Pentachlorophenol	0.087	0.079	0.080	0.096	0.114	0.130	0.136	0.103	23.09
25)		Phenanthrene	1.189	1.082	1.056	1.082	1.116	1.101	1.053	1.097	4.24
26)		Anthracene	0.976	0.901	0.900	0.970	1.038	1.056	0.992	0.976	6.19
27)	SURR	Fluoranthene-d10	1.165	1.174	1.154	1.237	1.311	1.324	1.264	1.233	5.72
28)		Fluoranthene	1.356	1.268	1.275	1.351	1.399	1.361	1.276	1.327	3.96
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.312	1.150	1.123	1.172	1.204	1.184	1.175	1.188	5.05
31)	S	Terphenyl-d14	1.367	1.172	1.063	1.086	1.113	1.070	1.073	1.135	9.61
32)		Benzo(a)anthra...	1.275	1.234	1.192	1.261	1.306	1.292	1.276	1.262	3.06
33)		Chrysene	1.417	1.251	1.201	1.241	1.261	1.243	1.211	1.261	5.73
34)		Bis(2-ethylhex...	0.468	0.436	0.410	0.462	0.568	0.645	0.669	0.523	20.00
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.336	1.233	1.239	1.358	1.418	1.410	1.377	1.339	5.65
37)		Benzo(b)fluora...	1.485	1.320	1.319	1.381	1.434	1.393	1.335	1.381	4.51
38)		Benzo(k)fluora...	1.427	1.298	1.254	1.312	1.304	1.256	1.228	1.297	5.04
39)	C	Benzo(a)pyrene	1.245	1.126	1.109	1.178	1.236	1.221	1.194	1.187	4.46
40)		Dibenzo(a,h)an...	1.071	0.995	1.014	1.121	1.174	1.166	1.140	1.098	6.55
41)		Benzo(g,h,i)pe...	1.203	1.085	1.078	1.158	1.204	1.197	1.172	1.157	4.67

(#) = Out of Range