Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN052223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 23 03:22:57 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN025537.D 0.2 =BN025538.D 0.4 =BN025539.D 0.8 =BN025540.D 1.6 =BN025541.D 3.2 =BN025542.D 5.0 =BN025543.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	0.563	0.476	0.497	0.472	0.388	0.421	0.424	0.463	12.54
3)		n-Nitrosodimet...	0.627	0.496	0.514	0.555	0.489	0.572	0.591	0.549	9.43
4)	S	2-Fluorophenol	1.258	1.127	1.121	1.028	0.812	0.902	0.958	1.029	14.79
5)	S	Phenol-d6	1.517	1.364	1.410	1.298	1.039	1.180	1.270	1.297	12.05
6)		bis(2-Chloroet...	1.327	1.272	1.264	1.210	1.008	1.104	1.135	1.189	9.41
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.398	0.363	0.383	0.369	0.309	0.357	0.397	0.368	8.27
9)		Naphthalene	1.159	1.116	1.140	1.138	0.952	1.097	1.161	1.109	6.57
10)		Hexachlorobuta...	0.203	0.198	0.203	0.199	0.165	0.189	0.197	0.194	6.90
11)	SURR	2-Methylnaphth...	0.581	0.574	0.597	0.610	0.512	0.593	0.641	0.587	6.75
12)		2-Methylnaphth...	0.782	0.763	0.797	0.810	0.689	0.797	0.853	0.785	6.45
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.179	0.167	0.177	0.169	0.138	0.157	0.184	0.167	9.29
15)	S	2-Fluorobiphenyl	1.928	1.777	1.810	1.739	1.471	1.646	1.769	1.734	8.28
16)		Acenaphthylene	1.867	1.861	1.963	1.998	1.747	2.068	2.237	1.963	8.15
17)		Acenaphthene	1.340	1.330	1.376	1.396	1.190	1.376	1.471	1.354	6.32
18)		Fluorene	1.760	1.622	1.731	1.771	1.467	1.688	1.801	1.691	6.82
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.102	0.101	0.101	0.106	0.092	0.114	0.125	0.106	10.02
21)		4-Bromophenyl-...	0.233	0.235	0.243	0.239	0.204	0.243	0.262	0.237	7.33
22)		Hexachlorobenzene	0.212	0.210	0.216	0.215	0.182	0.216	0.228	0.211	6.76
23)		Atrazine	0.216	0.199	0.208	0.206	0.178	0.217	0.236	0.209	8.46
24)		Pentachlorophenol	0.110	0.110	0.114	0.118	0.103	0.131	0.149	0.119	13.17
25)		Phenanthrene	1.427	1.264	1.277	1.277	1.093	1.302	1.364	1.286	8.05
26)		Anthracene	1.118	1.106	1.159	1.168	1.030	1.248	1.354	1.169	9.01
27)	SURR	Fluoranthene-d10	0.941	0.923	0.954	0.950	0.813	0.983	1.073	0.948	8.16
28)		Fluoranthene	1.392	1.353	1.415	1.433	1.243	1.501	1.609	1.421	8.08
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.913	1.841	1.848	1.877	1.534	1.769	1.863	1.806	7.09
31)	S	Terphenyl-d14	0.996	0.845	0.880	0.832	0.661	0.781	0.802	0.828	12.25
32)		Benzo(a)anthra...	1.598	1.550	1.590	1.622	1.362	1.630	1.726	1.583	7.02
33)		Chrysene	1.678	1.651	1.688	1.710	1.402	1.643	1.723	1.642	6.69
34)		Bis(2-ethylhex...	1.143	1.041	0.960	0.940	0.768	0.963	1.073	0.984	12.18
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.723	1.743	1.826	1.869	1.610	1.954	2.064	1.827	8.34
37)		Benzo(b)fluora...	1.616	1.609	1.625	1.628	1.400	1.639	1.755	1.610	6.54
38)		Benzo(k)fluora...	1.555	1.574	1.666	1.711	1.460	1.687	1.818	1.639	7.21
39)	C	Benzo(a)pyrene	1.447	1.428	1.472	1.489	1.288	1.559	1.687	1.481	8.26
40)		Dibenzo(a,h)an...	1.365	1.409	1.485	1.525	1.316	1.598	1.686	1.484	8.84
41)		Benzo(g,h,i)pe...	1.490	1.514	1.570	1.583	1.366	1.658	1.742	1.560	7.76

(#) = Out of Range