Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN032621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 02 09:20:10 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014118.D 0.2 =BN014119.D 0.4 =BN014120.D 0.8 =BN014121.D 1.6 =BN014122.D 3.2 =BN014123.D 5 =BN014124.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	0.568	0.522	0.560	0.511	0.508	0.481	0.452	0.515	7.96
3)		n-Nitrosodimet...		0.348	0.381	0.399	0.427	0.413	0.411	0.396	7.08
4)	S	2-Fluorophenol	1.092	1.049	1.093	1.032	1.021	0.972	0.926	1.026	5.94
5)	S	Phenol-d6	1.373	1.327	1.371	1.301	1.302	1.237	1.203	1.302	4.92
6)		bis(2-Chloroet...	1.078	1.037	1.104	1.072	1.061	0.980	0.931	1.038	5.89
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.267	0.260	0.270	0.284	0.270	0.274	0.279	0.272	2.87
9)		Naphthalene	0.986	0.954	1.024	1.017	1.003	0.980	0.948	0.988	2.98
10)		Hexachlorobuta...	0.185	0.178	0.187	0.187	0.180	0.178	0.170	0.181	3.26
11)	SURR	2-Methylnaphth...	0.600	0.594	0.626	0.618	0.625	0.597	0.595	0.608	2.43
12)		2-Methylnaphth...	0.640	0.620	0.669	0.662	0.670	0.635	0.626	0.646	3.20
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.125	0.118	0.121	0.125	0.134	0.135	0.141	0.129	6.57
15)	S	2-Fluorobiphenyl	1.506	1.482	1.517	1.638	1.489	1.465	1.411	1.501	4.63
16)		Acenaphthylene	1.440	1.398	1.447	1.539	1.595	1.632	1.667	1.531	6.84
17)		Acenaphthene	1.101	1.054	1.099	1.147	1.144	1.114	1.091	1.107	2.89
18)		Fluorene	1.330	1.286	1.338	1.389	1.380	1.335	1.305	1.338	2.78
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.042	0.040	0.044	0.048	0.053	0.057	0.065	0.050	18.14
21)		4-Bromophenyl-...	0.198	0.195	0.209	0.210	0.211	0.209	0.208	0.206	3.07
22)		Hexachlorobenzene	0.228	0.223	0.235	0.235	0.233	0.228	0.225	0.230	2.03
23)		Atrazine	0.140	0.124	0.134	0.139	0.144	0.147	0.156	0.141	7.05
24)		Pentachlorophenol		0.061	0.062	0.069	0.074	0.078	0.085	0.072	13.01
25)		Phenanthrene	1.057	1.029	1.100	1.090	1.104	1.069	1.070	1.074	2.46
26)		Anthracene	0.860	0.822	0.886	0.902	0.939	0.951	0.964	0.903	5.74
27)	SURR	Fluoranthene-d10	1.050	0.973	1.040	1.061	1.071	1.083	1.052	1.047	3.42
28)		Fluoranthene	1.083	1.013	1.109	1.154	1.179	1.188	1.136	1.123	5.46
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.260	1.310	1.413	1.309	1.364	1.220	1.256	1.305	5.13
31)	S	Terphenyl-d14	0.908	0.912	0.994	0.976	0.943	0.858	0.857	0.921	5.82
32)		Benzo(a)anthra...	1.116	1.078	1.115	1.098	1.134	1.103	1.117	1.109	1.61
33)		Chrysene	1.230	1.186	1.301	1.252	1.254	1.191	1.166	1.226	3.89
34)		Bis(2-ethylhex...	0.456	0.342	0.328	0.312	0.308	0.309	0.314	0.338	15.72
35)		Indeno(1,2,3-c...	1.400	1.308	1.306	1.256	1.194	1.272	1.169	1.272	6.07

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.375	1.366	1.433	1.434	1.456	1.412	1.398	1.411	2.33
38)		Benzo(k)fluora...	1.302	1.312	1.388	1.415	1.449	1.406	1.375	1.378	3.91
39)	C	Benzo(a)pyrene	1.167	1.156	1.197	1.229	1.242	1.246	1.238	1.211	3.09
40)		Dibenzo(a,h)an...	1.203	1.187	1.243	1.258	1.260	1.307	1.258	1.245	3.21
41)		Benzo(g,h,i)pe...	1.303	1.279	1.347	1.342	1.316	1.358	1.316	1.323	2.09

(#) = Out of Range