Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Oct 04 01:32:21 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN021973.D 0.2 =BN021974.D 0.4 =BN021975.D 0.8 =BN021976.D 1.6 =BN021977.D 3.2 =BN021978.D 5.0 =BN021979.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	0.488	0.688	0.495	0.505	0.517	0.477	0.455	0.518	14.99
3)		n-Nitrosodimet...	0.502	0.721	0.515	0.554	0.578	0.544	0.526	0.563	13.15
4)	S	2-Fluorophenol	0.880	1.167	0.851	0.877	0.922	0.898	0.891	0.927	11.68
5)	S	Phenol-d6	1.094	1.496	1.081	1.123	1.210	1.197	1.215	1.202	11.72
6)		bis(2-Chloroet...	1.160	1.634	1.162	1.250	1.283	1.215	1.189	1.271	13.12
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.275	0.390	0.293	0.300	0.325	0.327	0.340	0.322	11.72
9)		Naphthalene	1.152	1.520	1.121	1.134	1.190	1.166	1.174	1.208	11.55
10)		Hexachlorobuta...	0.201	0.268	0.196	0.201	0.205	0.199	0.195	0.209	12.54
11)	SURR	2-Methylnaphth...	0.694	0.905	0.675	0.693	0.719	0.720	0.741	0.735	10.59
12)		2-Methylnaphth...	0.130	0.202	0.149	0.169	0.200	0.223		0.179	19.87
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.116	0.168	0.130	0.138	0.157	0.169	0.190	0.153	16.77
15)	S	2-Fluorobiphenyl	1.605	2.228	1.677	1.650	1.704	1.678	1.692	1.748	12.25
16)		Acenaphthylene	1.600	2.218	1.683	1.733	1.911	2.021	2.157	1.903	12.64
17)		Acenaphthene	1.244	1.662	1.248	1.258	1.304	1.308	1.342	1.338	11.03
18)		Fluorene	1.397	2.057	1.468	1.520	1.595	1.607	1.649	1.613	13.28
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.053	0.043	0.050	0.064	0.076		0.057	22.42
21)		4-Bromophenyl-...	0.216	0.297	0.225	0.223	0.244	0.244	0.257	0.244	11.25
22)		Hexachlorobenzene	0.289	0.383	0.281	0.284	0.298	0.293	0.293	0.303	11.81
23)		Atrazine	0.155	0.209	0.155	0.161	0.184	0.194	0.208	0.181	13.26
24)		Pentachlorophenol		0.093	0.075	0.083	0.101	0.113		0.093	16.06
25)		Phenanthrene	1.258	1.715	1.271	1.272	1.377	1.350	1.381	1.375	11.55
26)		Anthracene	0.915	1.287	0.974	1.003	1.136	1.169	1.245	1.104	12.89
27)	SURR	Fluoranthene-d10	0.962	1.291	0.956	0.982	1.070	1.068	1.113	1.063	11.02
28)		Fluoranthene	1.298	1.770	1.329	1.376	1.510	1.496	1.533	1.473	10.89
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.705	2.227	1.656	1.606	1.721	1.680	1.702	1.757	12.00
31)	S	Terphenyl-d14	0.820	1.082	0.760	0.745	0.769	0.717	0.738	0.804	15.73
32)		Benzo(a)anthra...	1.342	1.822	1.361	1.379	1.525	1.533	1.567	1.504	11.13
33)		Chrysene	1.621	2.145	1.601	1.557	1.616	1.569	1.575	1.669	12.65
34)		Bis(2-ethylhex...	0.778	0.884	0.635	0.609	0.664	0.693	0.789	0.722	13.70
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.709	2.429	1.819	1.953	2.041	2.099	2.098	2.021	11.44
37)		Benzo(b)fluora...	1.727	2.388	1.715	1.794	1.872	1.868	1.908	1.896	12.08
38)		Benzo(k)fluora...	1.649	2.242	1.752	1.791	1.943	1.904	1.933	1.888	10.04
39)	C	Benzo(a)pyrene	1.271	1.734	1.299	1.355	1.452	1.483	1.530	1.446	11.01
40)		Dibenzo(a,h)an...	1.350	1.916	1.462	1.576	1.636	1.681	1.663	1.612	11.12
41)		Benzo(g,h,i)pe...	1.521	2.135	1.625	1.690	1.719	1.751	1.740	1.740	11.01

(#) = Out of Range