Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN051823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri May 19 02:17:42 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN025470.D 0.2 =BN025471.D 0.4 =BN025472.D 0.8 =BN025473.D 1.6 =BN025474.D 3.2 =BN025475.D 5.0 =BN025476.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	0.470	0.385	0.489	0.383	0.432	0.361	0.338	0.408	13.91
3)		n-Nitrosodimet...	0.384	0.389	0.532	0.432	0.527	0.452	0.430	0.450	13.28
4)	S	2-Fluorophenol	0.915	0.867	1.106	0.846	0.976	0.821	0.789	0.903	12.05
5)	S	Phenol-d6	1.141	1.089	1.383	1.064	1.282	1.088	1.065	1.159	10.77
6)		bis(2-Chloroet...	1.172	1.085	1.362	1.050	1.233	1.012	0.973	1.127	12.18
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.301	0.287	0.382	0.292	0.356	0.309	0.308	0.319	11.22
9)		Naphthalene	0.978	0.944	1.207	0.941	1.139	0.965	0.950	1.018	10.66
10)		Hexachlorobuta...	0.190	0.181	0.235	0.178	0.214	0.180	0.175	0.193	11.64
11)	SURR	2-Methylnaphth...	0.527	0.510	0.647	0.507	0.633	0.536	0.535	0.556	10.48
12)		2-Methylnaphth...	0.689	0.674	0.859	0.675	0.841	0.710	0.705	0.736	10.76
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.143	0.136	0.182	0.141	0.177	0.154	0.159	0.156	11.58
15)	S	2-Fluorobiphenyl	1.498	1.426	1.868	1.407	1.676	1.450	1.388	1.530	11.60
16)		Acenaphthylene	1.638	1.589	2.195	1.658	2.079	1.817	1.810	1.827	12.65
17)		Acenaphthene	1.100	1.068	1.443	1.111	1.358	1.191	1.161	1.205	11.77
18)		Fluorene	1.379	1.306	1.785	1.368	1.700	1.464	1.427	1.490	12.16
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.068	0.067	0.091	0.076	0.099	0.089	0.093	0.083	15.56
21)		4-Bromophenyl-...	0.224	0.216	0.274	0.214	0.264	0.230	0.226	0.235	10.10
22)		Hexachlorobenzene	0.209	0.206	0.255	0.203	0.244	0.212	0.211	0.220	9.37
23)		Atrazine	0.178	0.176	0.215	0.173	0.215	0.192	0.192	0.192	9.22
24)		Pentachlorophenol		0.081	0.113	0.100	0.129	0.119	0.125	0.111	16.18
25)		Phenanthrene	1.140	1.093	1.349	1.071	1.304	1.130	1.117	1.172	9.27
26)		Anthracene	1.006	0.966	1.258	0.993	1.249	1.098	1.106	1.097	10.87
27)	SURR	Fluoranthene-d10	0.879	0.846	1.066	0.843	1.030	0.911	0.889	0.923	9.66
28)		Fluoranthene	1.239	1.204	1.533	1.230	1.513	1.327	1.279	1.332	10.24
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.474	1.435	1.937	1.436	1.795	1.509	1.585	1.596	12.26
31)	S	Terphenyl-d14	0.613	0.621	0.900	0.665	0.827	0.687	0.664	0.711	15.37
32)		Benzo(a)anthra...	1.368	1.340	1.777	1.314	1.583	1.365	1.393	1.449	11.71
33)		Chrysene	1.329	1.327	1.768	1.338	1.597	1.360	1.334	1.436	12.23
34)		Bis(2-ethylhex...	0.877	0.795	1.022	0.729	0.890	0.817	0.839	0.852	10.79
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.406	1.466	1.862	1.525	1.818	1.708	1.545	1.619	10.98
37)		Benzo(b)fluora...	1.363	1.362	1.676	1.350	1.706	1.451	1.483	1.484	10.08
38)		Benzo(k)fluora...	1.384	1.384	1.701	1.435	1.723	1.468	1.526	1.517	9.35
39)	C	Benzo(a)pyrene	1.275	1.271	1.566	1.279	1.587	1.393	1.412	1.398	9.66
40)		Dibenzo(a,h)an...	1.109	1.177	1.491	1.226	1.463	1.376	1.234	1.297	11.37
41)		Benzo(g,h,i)pe...	1.198	1.252	1.588	1.293	1.526	1.441	1.272	1.367	11.00

(#) = Out of Range