Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN033022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 30 12:57:13 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN019233.D 0.2 =BN019234.D 0.4 =BN019235.D 0.8 =BN019236.D 1.6 =BN019237.D 3.2 =BN019238.D 5.0 =BN019239.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	0.653	0.606	0.572	0.542	0.492	0.462	0.439	0.538	14.53
3)		n-Nitrosodimet...	0.492	0.710	0.588	0.608	0.556	0.539	0.515	0.572	12.69
4)	S	2-Fluorophenol	1.010	1.004	1.013	1.024	0.948	0.897	0.872	0.967	6.39
5)	S	Phenol-d6	0.975	0.996	1.037	1.107	1.079	1.077	1.079	1.050	4.67
6)		bis(2-Chloroet...	1.067	1.070	1.205	1.229	1.166	1.117	1.082	1.134	5.88
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.275	0.289	0.284	0.315	0.309	0.319	0.339	0.304	7.39
9)		Naphthalene	1.113	1.107	1.170	1.240	1.168	1.138	1.139	1.154	3.91
10)		Hexachlorobuta...	0.266	0.268	0.277	0.290	0.268	0.258	0.256	0.269	4.34
11)	SURR	2-Methylnaphth...	0.571	0.595	0.629	0.671	0.641	0.636	0.635	0.626	5.22
12)		2-Methylnaphth...	0.679	0.698	0.743	0.799	0.766	0.750	0.747	0.740	5.47
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.188	0.174	0.189	0.202	0.202	0.211	0.232	0.200	9.34
15)	S	2-Fluorobiphenyl	1.605	1.683	1.703	1.821	1.742	1.686	1.737	1.711	3.88
16)		Acenaphthylene	1.562	1.630	1.787	1.936	1.936	1.997	2.124	1.853	10.94
17)		Acenaphthene	1.232	1.252	1.319	1.400	1.351	1.333	1.370	1.322	4.61
18)		Fluorene	1.520	1.544	1.651	1.774	1.693	1.654	1.690	1.647	5.37
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.047	0.045	0.051	0.059	0.064	0.078		0.057	22.07
21)		4-Bromophenyl-...	0.233	0.247	0.260	0.286	0.275	0.279	0.287	0.267	7.80
22)		Hexachlorobenzene	0.318	0.328	0.343	0.361	0.336	0.334	0.339	0.337	3.95
23)		Atrazine	0.173	0.170	0.172	0.179	0.175	0.187	0.204	0.180	6.67
24)		Pentachlorophenol	0.133	0.106	0.109	0.116	0.115	0.128	0.143	0.121	11.12
25)		Phenanthrene	1.205	1.197	1.284	1.358	1.315	1.329	1.359	1.292	5.21
26)		Anthracene	0.976	0.930	1.025	1.128	1.104	1.157	1.219	1.077	9.63
27)	SURR	Fluoranthene-d10	1.135	1.109	1.204	1.249	1.199	1.212	1.248	1.194	4.47
28)		Fluoranthene	1.448	1.418	1.525	1.589	1.530	1.548	1.563	1.517	4.07
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.103	2.043	2.080	2.170	2.008	1.916	1.920	2.034	4.63
31)	S	Terphenyl-d14	0.909	0.897	0.916	0.972	0.885	0.848	0.851	0.897	4.73
32)		Benzo(a)anthra...	1.809	1.391	1.345	1.417	1.384	1.409	1.506	1.466	10.85
33)		Chrysene	2.499	1.927	1.804	1.789	1.635	1.579	1.564	1.828	17.73
34)		Bis(2-ethylhex...		1.524	1.102	0.986	1.056	0.865	0.944	1.080	21.60
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	2.123	1.624	1.533	1.642	1.569	1.614	1.695	1.686	11.84
37)		Benzo(b)fluora...	3.602	2.576	1.984	1.906	1.718	1.684	1.778	2.178	31.98
38)		Benzo(k)fluora...	4.432	3.217	2.535	2.470	2.213	2.050	2.041	2.708	31.76
39)	C	Benzo(a)pyrene	1.919	1.795	1.477	1.576	1.456	1.433	1.464	1.588	12.10
40)		Dibenzo(a,h)an...	1.585	1.112	1.187	1.300	1.214	1.269	1.335	1.286	11.76
41)		Benzo(g,h,i)pe...	2.203	1.964	1.749	1.871	1.718	1.674	1.725	1.843	10.20

(#) = Out of Range