Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN040422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 04 17:40:00 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN019316.D 0.2 =BN019317.D 0.4 =BN019318.D 0.8 =BN019319.D 1.6 =BN019320.D 3.2 =BN019321.D 5.0 =BN019322.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	0.482	0.473	0.536	0.518	0.482	0.442	0.416	0.478	8.59
3)		n-Nitrosodimet...	0.685	0.611	0.747	0.658	0.613	0.576	0.542	0.633	10.93
4)	S	2-Fluorophenol	1.125	1.112	1.280	1.112	1.025	0.949	0.896	1.071	11.90
5)	S	Phenol-d6	1.294	1.282	1.454	1.320	1.260	1.217	1.198	1.289	6.55
6)		bis(2-Chloroet...	1.258	1.270	1.525	1.358	1.296	1.210	1.164	1.297	9.07
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.364	0.358	0.398	0.369	0.345	0.346	0.365	0.363	4.85
9)		Naphthalene	1.105	1.118	1.359	1.250	1.163	1.127	1.142	1.181	7.81
10)		Hexachlorobuta...	0.246	0.244	0.301	0.275	0.252	0.239	0.244	0.257	8.87
11)	SURR	2-Methylnaphth...	0.672	0.655	0.796	0.742	0.696	0.671	0.685	0.702	7.07
12)		2-Methylnaphth...	0.764	0.756	0.937	0.872	0.816	0.787	0.796	0.819	7.93
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.248	0.223	0.269	0.244	0.233	0.236	0.248	0.243	5.91
15)	S	2-Fluorobiphenyl	1.587	1.612	1.870	1.722	1.652	1.591	1.605	1.663	6.17
16)		Acenaphthylene	1.772	1.756	2.156	2.049	2.035	2.030	2.098	1.985	7.91
17)		Acenaphthene	1.237	1.178	1.457	1.371	1.344	1.309	1.345	1.320	6.89
18)		Fluorene	1.663	1.582	1.967	1.842	1.741	1.689	1.714	1.743	7.27
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.054	0.073	0.071	0.077	0.092	0.073	18.51		
21)		4-Bromophenyl-...	0.256	0.244	0.303	0.278	0.271	0.263	0.271	0.269	6.81
22)		Hexachlorobenzene	0.298	0.295	0.359	0.329	0.314	0.304	0.307	0.315	7.03
23)		Atrazine	0.223	0.213	0.254	0.221	0.210	0.213	0.222	0.222	6.69
24)		Pentachlorophenol	0.125	0.105	0.141	0.120	0.114	0.121	0.132	0.123	9.62
25)		Phenanthrene	1.295	1.240	1.514	1.386	1.329	1.313	1.318	1.342	6.50
26)		Anthracene	1.102	1.044	1.306	1.208	1.179	1.192	1.231	1.180	7.25
27)	SURR	Fluoranthene-d10	1.211	1.168	1.475	1.315	1.288	1.277	1.286	1.288	7.49
28)		Fluoranthene	1.482	1.453	1.814	1.655	1.609	1.574	1.554	1.592	7.55
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.767	1.789	2.203	1.954	1.824	1.730	1.762	1.861	8.98
31)	S	Terphenyl-d14	0.868	0.838	1.007	0.928	0.830	0.798	0.815	0.869	8.54
32)		Benzo(a)anthra...	1.353	1.279	1.641	1.516	1.481	1.500	1.576	1.478	8.43
33)		Chrysene	1.502	1.516	1.912	1.757	1.633	1.569	1.606	1.642	8.90
34)		Bis(2-ethylhex...	1.190	1.253	1.087	0.979	1.007	1.084	1.100	9.55	
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.416	1.424	1.936	1.752	1.676	1.748	1.768	1.674	11.39
37)		Benzo(b)fluora...	1.391	1.298	1.695	1.624	1.622	1.642	1.702	1.567	10.08
38)		Benzo(k)fluora...	1.398	1.385	1.819	1.777	1.672	1.674	1.742	1.638	10.78
39)	C	Benzo(a)pyrene	1.170	1.304	1.565	1.493	1.430	1.427	1.469	1.408	9.34
40)		Dibenzo(a,h)an...	1.076	1.058	1.538	1.364	1.300	1.357	1.375	1.295	13.29
41)		Benzo(g,h,i)pe...	1.299	1.378	1.749	1.633	1.588	1.616	1.603	1.552	10.09

(#) = Out of Range