Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Nov 25 03:24:52 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN017584.D 0.2 =BN017585.D 0.4 =BN017586.D 0.8 =BN017587.D 1.6 =BN017588.D 3.2 =BN017589.D 5.0 =BN017590.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	0.190	0.178	0.194	0.216	0.205	0.193	0.187	0.195	6.39
3)		n-Nitrosodimet...	0.349	0.345	0.399	0.449	0.430	0.415	0.392	0.397	9.82
4)	S	2-Fluorophenol	1.050	1.011	1.089	1.162	1.084	1.025	0.956	1.054	6.27
5)	S	Phenol-d6	1.172	1.120	1.229	1.314	1.236	1.170	1.091	1.190	6.37
6)		bis(2-Chloroet...	1.167	1.114	1.220	1.315	1.215	1.128	1.034	1.171	7.72
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.171	0.166	0.181	0.212	0.225	0.254	0.267	0.211	19.05
9)		Naphthalene	0.981	0.933	1.016	1.103	1.048	1.001	0.959	1.006	5.68
10)		Hexachlorobuta...	0.248	0.237	0.256	0.277	0.262	0.250	0.239	0.253	5.46
11)	SURR	2-Methylnaphth...	0.666	0.637	0.708	0.764	0.725	0.693	0.656	0.693	6.30
12)		2-Methylnaphth...	0.644	0.623	0.689	0.740	0.694	0.657	0.617	0.666	6.59
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.165	0.159	0.189	0.222	0.230	0.242	0.238	0.206	16.93
15)	S	2-Fluorobiphenyl	1.474	1.440	1.600	1.702	1.593	1.531	1.470	1.544	6.03
16)		Acenaphthylene	1.537	1.485	1.671	1.858	1.792	1.774	1.712	1.690	8.09
17)		Acenaphthene	1.019	0.983	1.115	1.192	1.133	1.097	1.057	1.085	6.55
18)		Fluorene	1.264	1.233	1.407	1.531	1.451	1.391	1.309	1.369	7.78
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.002	0.001	0.002	0.003	0.004	0.008		0.004	75.57
21)		4-Bromophenyl-...	0.220	0.220	0.249	0.278	0.267	0.261	0.252	0.250	9.00
22)		Hexachlorobenzene	0.278	0.271	0.296	0.319	0.298	0.285	0.269	0.288	6.10
23)		Atrazine	0.083	0.085	0.109	0.140	0.160			0.115	29.31
24)		Pentachlorophenol	0.074	0.066	0.082	0.098	0.114			0.087	22.00
25)		Phenanthrene	0.997	0.978	1.124	1.216	1.141	1.104	1.050	1.087	7.74
26)		Anthracene	0.864	0.851	1.008	1.124	1.075	1.049	1.006	0.997	10.36
27)	SURR	Fluoranthene-d10	1.253	1.210	1.371	1.487	1.428	1.380	1.299	1.347	7.29
28)		Fluoranthene	1.222	1.193	1.369	1.482	1.388	1.311	1.224	1.313	8.11
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.404	1.355	1.475	1.575	1.462	1.408	1.374	1.436	5.23
31)	S	Terphenyl-d14	0.908	0.873	0.952	1.028	0.957	0.934	0.912	0.938	5.23
32)		Benzo(a)anthra...	1.248	1.205	1.335	1.448	1.374	1.361	1.337	1.330	6.07
33)		Chrysene	1.264	1.238	1.343	1.418	1.344	1.294	1.261	1.309	4.82
34)		Bis(2-ethylhex...	0.299	0.281	0.311	0.367	0.389	0.445	0.469	0.366	20.00
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	0.821	0.766	0.848	0.926	0.892	0.871	0.854	0.854	5.99
37)		Benzo(b)fluora...	1.448	1.388	1.563	1.754	1.608	1.567	1.492	1.546	7.71
38)		Benzo(k)fluora...	1.359	1.338	1.510	1.606	1.546	1.469	1.418	1.464	6.73
39)	C	Benzo(a)pyrene	1.176	1.105	1.230	1.354	1.284	1.264	1.219	1.233	6.45
40)		Dibenzo(a,h)an...	0.681	0.635	0.706	0.779	0.757	0.742	0.727	0.718	6.81
41)		Benzo(g,h,i)pe...	0.638	0.581	0.639	0.685	0.651	0.636	0.628	0.637	4.85

(#) = Out of Range