Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN053123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 01 01:04:04 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN025736.D 0.2 =BN025737.D 0.4 =BN025738.D 0.8 =BN025739.D 1.6 =BN025740.D 3.2 =BN025741.D 5.0 =BN025742.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	0.516	0.494	0.514	0.493	0.397	0.431	0.439	0.469	9.90
3)		n-Nitrosodimet...	0.620	0.590	0.642	0.617	0.524	0.592	0.609	0.599	6.29
4)	S	2-Fluorophenol	1.347	1.243	1.227	1.168	0.902	0.973	1.012	1.125	14.57
5)	S	Phenol-d6	1.580	1.466	1.482	1.431	1.130	1.263	1.313	1.381	11.12
6)		bis(2-Chloroet...	1.404	1.323	1.387	1.281	1.056	1.157	1.167	1.254	10.38
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.379	0.357	0.380	0.379	0.319	0.375	0.413	0.372	7.64
9)		Naphthalene	1.442	1.268	1.267	1.172	0.966	1.100	1.155	1.196	12.55
10)		Hexachlorobuta...	0.193	0.185	0.198	0.188	0.157	0.177	0.190	0.184	7.35
11)	SURR	2-Methylnaphth...	0.564	0.573	0.619	0.580	0.494	0.584	0.617	0.576	7.22
12)		2-Methylnaphth...	0.748	0.755	0.820	0.762	0.653	0.772	0.814	0.761	7.27
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.141	0.125	0.123	0.114	0.095	0.125	0.140	0.123	12.70
15)	S	2-Fluorobiphenyl	1.728	1.658	1.764	1.754	1.469	1.654	1.809	1.691	6.67
16)		Acenaphthylene	1.809	1.800	1.996	1.936	1.682	2.035	2.222	1.926	9.33
17)		Acenaphthene	1.234	1.234	1.321	1.258	1.079	1.305	1.412	1.263	8.12
18)		Fluorene	1.657	1.638	1.765	1.597	1.373	1.631	1.723	1.626	7.72
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.060	0.059	0.072	0.077	0.071	0.095		0.072	18.28
21)		4-Bromophenyl-...	0.226	0.222	0.242	0.235	0.203	0.235	0.258	0.232	7.51
22)		Hexachlorobenzene	0.201	0.193	0.208	0.205	0.172	0.196	0.213	0.198	6.74
23)		Atrazine	0.197	0.187	0.205	0.179	0.154	0.192	0.207	0.189	9.64
24)		Pentachlorophenol		0.064	0.074	0.073	0.065	0.094		0.074	16.17
25)		Phenanthrene	1.228	1.215	1.309	1.238	1.063	1.229	1.320	1.229	6.85
26)		Anthracene	1.073	1.074	1.177	1.118	0.969	1.174	1.288	1.125	8.99
27)	SURR	Fluoranthene-d10	0.873	0.860	0.920	0.781	0.661	0.806	0.859	0.823	10.24
28)		Fluoranthene	1.260	1.254	1.354	1.154	0.987	1.201	1.279	1.213	9.71
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.239	2.241	2.411	2.301	1.955	2.317	2.405	2.267	6.79
31)	S	Terphenyl-d14	1.111	0.993	1.010	0.942	0.790	0.944	1.002	0.970	10.04
32)		Benzo(a)anthra...	1.504	1.489	1.603	1.574	1.339	1.580	1.721	1.544	7.64
33)		Chrysene	1.651	1.650	1.785	1.691	1.373	1.604	1.690	1.635	7.84
34)		Bis(2-ethylhex...		1.096	1.086	0.895	0.701	0.825	0.914	0.920	16.57
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.494	1.515	1.719	1.884	1.640	1.826	2.030	1.730	11.40
37)		Benzo(b)fluora...	1.556	1.535	1.718	1.551	1.350	1.599	1.735	1.578	8.16
38)		Benzo(k)fluora...	1.517	1.630	1.713	1.651	1.399	1.620	1.752	1.612	7.43
39)	C	Benzo(a)pyrene	1.455	1.440	1.565	1.493	1.318	1.521	1.671	1.495	7.35
40)		Dibenzo(a,h)an...	1.187	1.224	1.371	1.513	1.323	1.467	1.637	1.389	11.59
41)		Benzo(g,h,i)pe...	1.372	1.395	1.544	1.704	1.471	1.607	1.772	1.552	9.79

(#) = Out of Range