Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN101524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Oct 16 00:09:32 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN034592.D 0.2 =BN034593.D 0.4 =BN034594.D 0.8 =BN034595.D 1.6 =BN034596.D 3.2 =BN034597.D 5.0 =BN034598.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	0.532	0.489	0.456	0.493	0.463	0.453	0.435	0.474	6.82
3)		n-Nitrosodimet...	0.532	0.524	0.491	0.524	0.513	0.485	0.483	0.507	4.09
4)	S	2-Fluorophenol	1.424	1.387	1.320	1.400	1.343	1.225	1.219	1.331	6.18
5)	S	Phenol-d6	1.884	1.723	1.660	1.773	1.719	1.561	1.564	1.698	6.77
6)		bis(2-Chloroet...	1.265	1.169	1.162	1.229	1.200	1.094	1.087	1.172	5.62
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.327	0.316	0.307	0.331	0.321	0.303	0.310	0.316	3.23
9)		Naphthalene	1.103	1.066	1.088	1.164	1.126	1.053	1.068	1.095	3.58
10)		Hexachlorobuta...	0.190	0.185	0.186	0.201	0.191	0.179	0.181	0.188	3.94
11)	SURR	2-Methylnaphth...	0.606	0.574	0.580	0.623	0.616	0.558	0.571	0.590	4.27
12)		2-Methylnaphth...	0.707	0.678	0.687	0.735	0.727	0.662	0.674	0.696	3.98
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.201	0.196	0.186	0.210	0.214	0.194	0.199	0.200	4.78
15)	S	2-Fluorobiphenyl	1.498	1.511	1.468	1.602	1.531	1.482	1.476	1.510	3.05
16)		Acenaphthylene	1.955	1.949	1.902	2.095	2.033	1.940	1.947	1.974	3.35
17)		Acenaphthene	1.221	1.195	1.195	1.316	1.287	1.213	1.222	1.236	3.82
18)		Fluorene	1.542	1.498	1.462	1.618	1.623	1.493	1.507	1.535	4.11
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.030	0.026	0.030	0.031	0.035	0.037	0.041	0.033	15.80
21)		4-Bromophenyl-...	0.219	0.212	0.227	0.227	0.226	0.211	0.217	0.220	3.16
22)		Hexachlorobenzene	0.250	0.246	0.261	0.264	0.257	0.244	0.248	0.253	3.05
23)		Atrazine	0.216	0.199	0.206	0.218	0.217	0.191	0.197	0.206	5.33
24)		Pentachlorophenol	0.126	0.098	0.104	0.113	0.115	0.107	0.116	0.111	8.26
25)		Phenanthrene	1.102	1.045	1.122	1.165	1.139	1.062	1.086	1.103	3.87
26)		Anthracene	1.064	1.036	1.113	1.141	1.122	1.044	1.076	1.085	3.72
27)	SURR	Fluoranthene-d10	1.072	1.002	1.025	1.068	1.080	0.945	1.003	1.028	4.79
28)		Fluoranthene	1.327	1.239	1.273	1.339	1.343	1.181	1.244	1.278	4.80
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.560	1.548	1.679	1.686	1.637	1.594	1.614	1.617	3.34
31)	S	Terphenyl-d14	0.813	0.787	0.845	0.842	0.832	0.779	0.790	0.813	3.41
32)		Benzo(a)anthra...	1.477	1.426	1.497	1.530	1.510	1.407	1.457	1.472	3.04
33)		Chrysene	1.412	1.361	1.446	1.447	1.446	1.346	1.370	1.404	3.17
34)		Bis(2-ethylhex...	1.235	0.993	1.077	0.991	1.003	0.899	0.976	1.025	10.38
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.518	1.475	1.586	1.632	1.587	1.500	1.543	1.549	3.60
37)		Benzo(b)fluora...	1.375	1.284	1.356	1.431	1.403	1.321	1.377	1.364	3.63
38)		Benzo(k)fluora...	1.296	1.261	1.342	1.367	1.379	1.263	1.300	1.315	3.64
39)	C	Benzo(a)pyrene	1.223	1.151	1.220	1.264	1.253	1.164	1.210	1.212	3.46
40)		Dibenzo(a,h)an...	1.223	1.190	1.276	1.305	1.264	1.195	1.224	1.239	3.49
41)		Benzo(g,h,i)pe...	1.289	1.270	1.358	1.390	1.345	1.282	1.317	1.322	3.37

(#) = Out of Range