Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN120621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 06 15:58:05 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN017725.D 0.2 =BN017726.D 0.4 =BN017727.D 0.8 =BN017728.D 1.6 =BN017729.D 3.2 =BN017730.D 5.0 =BN017731.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	0.248	0.260	0.274	0.293	0.272	0.264	0.244	0.265	6.26
3)		n-Nitrosodimet...	0.328	0.325	0.389	0.424	0.409	0.397	0.377	0.378	10.19
4)	S	2-Fluorophenol	0.829	0.774	0.885	0.937	0.900	0.863	0.818	0.858	6.43
5)	S	Phenol-d6	0.816	0.779	0.940	1.017	0.995	0.968	0.922	0.920	9.76
6)		bis(2-Chloroet...	0.938	0.910	1.051	1.123	1.054	1.002	0.950	1.004	7.60
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.213	0.211	0.250	0.289	0.298	0.315	0.317	0.270	16.83
9)		Naphthalene	0.967	0.924	1.018	1.080	1.021	0.984	0.949	0.992	5.28
10)		Hexachlorobuta...	0.316	0.305	0.331	0.346	0.326	0.313	0.301	0.320	4.86
11)	SURR	2-Methylnaphth...	0.688	0.664	0.757	0.810	0.767	0.738	0.705	0.733	6.88
12)		2-Methylnaphth...	0.642	0.622	0.712	0.762	0.710	0.674	0.640	0.680	7.39
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.128	0.163	0.202	0.223	0.243	0.192			24.16
15)	S	2-Fluorobiphenyl	1.325	1.321	1.526	1.656	1.576	1.512	1.453	1.481	8.41
16)		Acenaphthylene	1.288	1.248	1.490	1.719	1.708	1.692	1.609	1.536	13.00
17)		Acenaphthene	0.975	0.930	1.053	1.147	1.091	1.062	1.020	1.040	6.97
18)		Fluorene	1.196	1.164	1.365	1.486	1.440	1.384	1.299	1.333	9.04
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.003	0.002	0.004	0.009	0.014	0.024	0.009		90.22
21)		4-Bromophenyl-...	0.194	0.197	0.238	0.271	0.263	0.262	0.253	0.240	13.29
22)		Hexachlorobenzene	0.282	0.269	0.300	0.325	0.306	0.295	0.280	0.294	6.40
23)		Atrazine	0.114	0.118	0.144	0.178	0.193	0.208	0.207	0.166	24.35
24)		Pentachlorophenol	0.027	0.034	0.051	0.063	0.085	0.101	0.060		47.77
25)		Phenanthrene	0.967	0.938	1.079	1.187	1.116	1.078	1.013	1.054	8.26
26)		Anthracene	0.761	0.754	0.901	1.032	1.016	1.010	0.971	0.921	12.98
27)	SURR	Fluoranthene-d10	1.201	1.176	1.340	1.494	1.451	1.417	1.344	1.346	9.01
28)		Fluoranthene	1.149	1.133	1.311	1.444	1.366	1.298	1.229	1.276	8.86
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.651	1.485	1.637	1.637	1.464	1.369	1.288	1.504	9.55
31)	S	Terphenyl-d14	1.071	0.990	1.101	1.117	1.021	0.967	0.917	1.026	7.21
32)		Benzo(a)anthra...	1.046	1.044	1.151	1.296	1.308	1.296	1.263	1.201	9.86
33)		Chrysene	1.225	1.147	1.347	1.404	1.330	1.280	1.222	1.279	6.87
34)		Bis(2-ethylhex...	0.642	0.552	0.588	0.632	0.638	0.675	0.690	0.631	7.59
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	0.729	0.654	0.752	0.880	0.911	0.952	0.973	0.836	14.76
37)		Benzo(b)fluora...	1.230	1.217	1.416	1.566	1.544	1.495	1.387	1.408	10.03
38)		Benzo(k)fluora...	1.117	1.124	1.313	1.477	1.388	1.354	1.298	1.296	10.30
39)	C	Benzo(a)pyrene	1.036	0.988	1.113	1.223	1.210	1.214	1.172	1.136	8.26
40)		Dibenzo(a,h)an...	0.490	0.429	0.501	0.603	0.643	0.692	0.727	0.584	19.26
41)		Benzo(g,h,i)pe...	0.801	0.719	0.833	0.890	0.878	0.882	0.884	0.841	7.49

(#) = Out of Range