Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN100121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 30 17:56:53 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016598.D 0.2 =BN016599.D 0.4 =BN016600.D 0.8 =BN016601.D 1.6 =BN016602.D 3.2 =BN016603.D 5 =BN016604.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.221	0.131	0.171	0.185	0.206	0.191	0.185	0.184	15.58
3)		n-Nitrosodimet...	0.268	0.269	0.273	0.305	0.332	0.317	0.303	0.295	8.66
4)	S	2-Fluorophenol	1.051	1.010	0.950	1.042	1.096	1.026	0.956	1.019	5.11
5)	S	Phenol-d6	1.108	1.081	1.019	1.139	1.218	1.163	1.079	1.115	5.82
6)		bis(2-Chloroet...	1.115	1.094	1.028	1.137	1.172	1.077	0.972	1.085	6.21
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.252	0.240	0.214	0.251	0.283	0.293	0.293	0.261	11.52
9)		Naphthalene	1.127	1.105	1.017	1.113	1.156	1.080	1.010	1.087	5.08
10)		Hexachlorobuta...	0.208	0.204	0.189	0.209	0.218	0.206	0.195	0.204	4.74
11)	SURR	2-Methylnaphth...	0.588	0.585	0.549	0.612	0.641	0.607	0.559	0.592	5.41
12)		2-Methylnaphth...	0.701	0.701	0.652	0.726	0.747	0.694	0.637	0.694	5.53
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.149	0.158	0.147	0.180	0.208	0.218	0.216	0.182	17.40
15)	S	2-Fluorobiphenyl	1.705	1.691	1.490	1.631	1.700	1.602	1.517	1.620	5.44
16)		Acenaphthylene	1.547	1.573	1.566	1.793	1.981	1.937	1.848	1.749	10.59
17)		Acenaphthene	1.133	1.139	1.095	1.204	1.297	1.237	1.139	1.178	6.01
18)		Fluorene	1.319	1.370	1.278	1.441	1.519	1.456	1.365	1.393	6.02
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.028	0.027	0.029	0.037	0.056	0.069	0.080	0.046	47.14
21)		4-Bromophenyl-...	0.234	0.228	0.222	0.255	0.271	0.269	0.259	0.249	8.10
22)		Hexachlorobenzene	0.282	0.281	0.267	0.296	0.309	0.297	0.282	0.288	4.75
23)		Atrazine	0.156	0.151	0.141	0.176	0.211	0.216	0.212	0.181	17.83
24)		Pentachlorophenol	0.090	0.084	0.079	0.101	0.121			0.095	17.60
25)		Phenanthrene	1.184	1.196	1.111	1.250	1.290	1.237	1.158	1.204	5.00
26)		Anthracene	0.938	0.946	0.916	1.062	1.172	1.151	1.089	1.039	10.18
27)	SURR	Fluoranthene-d10	0.969	1.040	0.957	1.102	1.171	1.141	1.066	1.064	7.66
28)		Fluoranthene	1.191	1.293	1.199	1.384	1.446	1.346	1.237	1.299	7.46
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.412	1.343	1.315	1.390	0.779	1.427	1.394	1.294	17.82
31)	S	Terphenyl-d14	0.976	0.959	0.871	0.931	0.501	0.946	0.905	0.870	19.14
32)		Benzo(a)anthra...	1.255	1.242	1.184	1.318	0.827	1.411	1.358	1.228	15.66
33)		Chrysene	1.326	1.329	1.261	1.350	0.794	1.350	1.291	1.243	16.15
34)		Bis(2-ethylhex...	0.620	0.504	0.446	0.511	0.367			0.489	19.05
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.445	1.467	1.387	1.596	0.955	1.619	1.522	1.427	15.68
37)		Benzo(b)fluora...	1.292	1.300	1.305	1.419	0.868	1.463	1.352	1.285	15.20
38)		Benzo(k)fluora...	1.302	1.325	1.286	1.416	0.839	1.424	1.298	1.270	15.63
39)	C	Benzo(a)pyrene	1.122	1.134	1.151	1.259	0.774	1.333	1.241	1.145	15.79
40)		Dibenzo(a,h)an...	1.145	1.181	1.114	1.290	0.772	1.316	1.242	1.151	15.88
41)		Benzo(g,h,i)pe...	1.294	1.294	1.265	1.395	0.836	1.421	1.331	1.262	15.56

(#) = Out of Range