Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 08 01:39:08 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016811.D 0.2 =BN016812.D 0.4 =BN016813.D 0.8 =BN016814.D 1.6 =BN016815.D 3.2 =BN016816.D 5.0 =BN016817.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	0.184	0.173	0.172	0.184	0.196	0.178	0.166	0.179	5.54
3)		n-Nitrosodimet...	0.274	0.289	0.300	0.326	0.352	0.337	0.318	0.314	8.76
4)	S	2-Fluorophenol	1.004	0.990	0.980	1.022	1.066	0.999	0.934	0.999	4.02
5)	S	Phenol-d6	1.082	1.081	1.096	1.168	1.240	1.182	1.104	1.136	5.37
6)		bis(2-Chloroet...	1.106	1.120	1.113	1.151	1.184	1.079	0.986	1.106	5.67
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.254	0.258	0.247	0.277	0.308	0.312	0.305	0.280	9.97
9)		Naphthalene	1.110	1.085	1.062	1.105	1.156	1.083	1.026	1.089	3.75
10)		Hexachlorobuta...	0.209	0.206	0.204	0.213	0.220	0.207	0.198	0.208	3.39
11)	SURR	2-Methylnaphth...	0.580	0.576	0.582	0.612	0.642	0.606	0.572	0.596	4.30
12)		2-Methylnaphth...	0.694	0.686	0.692	0.721	0.747	0.692	0.649	0.697	4.36
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.157	0.161	0.181	0.209	0.241	0.251	0.249	0.207	19.93
15)	S	2-Fluorobiphenyl	1.661	1.667	1.588	1.609	1.686	1.578	1.508	1.614	3.87
16)		Acenaphthylene	1.509	1.555	1.665	1.830	1.995	1.953	1.849	1.765	10.83
17)		Acenaphthene	1.140	1.123	1.150	1.190	1.264	1.199	1.146	1.173	4.12
18)		Fluorene	1.324	1.331	1.410	1.455	1.560	1.493	1.412	1.426	5.94
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.032	0.035	0.044	0.064	0.089	0.099	0.106	0.067	46.60
21)		4-Bromophenyl-...	0.229	0.235	0.241	0.256	0.266	0.264	0.254	0.249	5.78
22)		Hexachlorobenzene	0.284	0.282	0.281	0.289	0.296	0.288	0.272	0.285	2.66
23)		Atrazine	0.166	0.162	0.172	0.200	0.232	0.233	0.220	0.198	15.77
24)		Pentachlorophenol	0.074	0.074	0.084	0.106	0.129			0.094	25.58
25)		Phenanthrene	1.159	1.183	1.176	1.208	1.252	1.205	1.133	1.188	3.25
26)		Anthracene	0.923	0.963	1.003	1.097	1.173	1.151	1.079	1.055	8.98
27)	SURR	Fluoranthene-d10	1.045	1.056	1.072	1.147	1.190	1.165	1.103	1.111	5.13
28)		Fluoranthene	1.270	1.296	1.327	1.401	1.447	1.344	1.254	1.334	5.24
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.288	1.289	1.287	1.332	0.740	1.370	1.304	1.230	17.76
31)	S	Terphenyl-d14	0.958	0.954	0.901	0.930	0.501	0.956	0.907	0.872	18.98
32)		Benzo(a)anthra...	1.254	1.271	1.238	1.340	0.817	1.409	1.330	1.237	15.73
33)		Chrysene	1.301	1.314	1.350	1.395	0.808	1.358	1.293	1.260	16.06
34)		Bis(2-ethylhex...	0.670	0.618	0.623	0.732	0.500			0.629	13.58
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.565	1.575	1.602	1.691	1.003	1.632	1.534	1.515	15.26
37)		Benzo(b)fluora...	1.283	1.314	1.348	1.373	0.835	1.401	1.309	1.266	15.36
38)		Benzo(k)fluora...	1.298	1.291	1.311	1.387	0.809	1.300	1.222	1.231	15.62
39)	C	Benzo(a)pyrene	1.171	1.170	1.221	1.278	0.764	1.285	1.208	1.157	15.49
40)		Dibenzo(a,h)an...	1.272	1.281	1.310	1.386	0.820	1.342	1.270	1.240	15.32
41)		Benzo(g,h,i)pe...	1.388	1.380	1.386	1.447	0.864	1.417	1.339	1.317	15.40

(#) = Out of Range