Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN093021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 30 02:08:37 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016580.D 0.2 =BN016581.D 0.4 =BN016582.D 0.8 =BN016583.D 1.6 =BN016584.D 3.2 =BN016585.D 5.0 =BN016586.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	0.211	0.202	0.200	0.226	0.200	0.178	0.170	0.198	9.60
3)		n-Nitrosodimet...	0.272	0.269	0.281	0.317	0.341	0.323	0.305	0.301	9.28
4)	S	2-Fluorophenol	1.036	1.021	0.985	1.050	1.110	1.026	0.950	1.025	4.93
5)	S	Phenol-d6	1.053	1.043	1.036	1.127	1.214	1.148	1.065	1.098	6.09
6)		bis(2-Chloroet...	1.091	1.092	1.068	1.134	1.181	1.074	0.968	1.087	6.02
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.225	0.228	0.213	0.242	0.279	0.285	0.287	0.251	12.55
9)		Naphthalene	1.176	1.121	1.055	1.118	1.158	1.085	1.024	1.105	4.91
10)		Hexachlorobuta...	0.206	0.207	0.198	0.211	0.218	0.204	0.195	0.206	3.82
11)	SURR	2-Methylnaphth...	0.576	0.576	0.559	0.601	0.631	0.594	0.556	0.585	4.49
12)		2-Methylnaphth...	0.693	0.691	0.669	0.712	0.733	0.679	0.638	0.688	4.43
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.147	0.147	0.156	0.179	0.211	0.219	0.218	0.182	18.21
15)	S	2-Fluorobiphenyl	1.709	1.714	1.568	1.643	1.707	1.625	1.540	1.644	4.30
16)		Acenaphthylene	1.562	1.559	1.631	1.833	2.025	1.959	1.858	1.775	10.77
17)		Acenaphthene	1.141	1.143	1.134	1.189	1.270	1.208	1.158	1.177	4.14
18)		Fluorene	1.309	1.332	1.329	1.429	1.537	1.464	1.393	1.399	5.96
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.024	0.028	0.033	0.045	0.065	0.077		0.045	47.58
21)		4-Bromophenyl-...	0.230	0.231	0.231	0.251	0.270	0.262	0.254	0.247	6.58
22)		Hexachlorobenzene	0.286	0.285	0.277	0.297	0.303	0.294	0.277	0.289	3.45
23)		Atrazine	0.149	0.146	0.150	0.176	0.216	0.218	0.214	0.181	18.70
24)		Pentachlorophenol	0.077	0.076	0.079	0.095	0.122	0.136		0.097	26.41
25)		Phenanthrene	1.193	1.189	1.158	1.227	1.289	1.223	1.168	1.207	3.69
26)		Anthracene	0.928	0.940	0.956	1.065	1.167	1.133	1.097	1.041	9.46
27)	SURR	Fluoranthene-d10	1.017	1.049	1.046	1.129	1.190	1.151	1.091	1.096	5.75
28)		Fluoranthene	1.259	1.304	1.294	1.385	1.447	1.350	1.269	1.330	5.11
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.423	1.393	1.339	1.409	0.772	1.436	1.347	1.303	18.20
31)	S	Terphenyl-d14	0.984	0.965	0.879	0.930	0.493	0.946	0.891	0.870	19.56
32)		Benzo(a)anthra...	1.254	1.197	1.197	1.319	0.813	1.415	1.337	1.219	16.05
33)		Chrysene	1.330	1.362	1.338	1.395	0.814	1.391	1.305	1.277	16.17
34)		Bis(2-ethylhex...	0.483	0.446	0.461	0.509	0.352			0.450	13.28
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.507	1.537	1.520	1.643	0.995	1.660	1.567	1.490	15.16
37)		Benzo(b)fluora...	1.194	1.263	1.239	1.363	0.838	1.427	1.341	1.238	15.62
38)		Benzo(k)fluora...	1.303	1.312	1.315	1.403	0.825	1.350	1.267	1.253	15.45
39)	C	Benzo(a)pyrene	1.171	1.181	1.160	1.268	0.773	1.309	1.240	1.157	15.39
40)		Dibenzo(a,h)an...	1.188	1.226	1.224	1.327	0.808	1.359	1.294	1.204	15.35
41)		Benzo(g,h,i)pe...	1.339	1.362	1.336	1.435	0.870	1.458	1.380	1.312	15.25

(#) = Out of Range