Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN072921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jul 30 02:33:42 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN015711.D 0.2 =BN015712.D 0.4 =BN015713.D 0.8 =BN015714.D 1.6 =BN015715.D 3.2 =BN015716.D 5.0 =BN015717.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	0.134	0.134	0.157	0.139	0.147	0.133	0.135	0.140	6.41
3)		n-Nitrosodimet...		0.193	0.243	0.281	0.311	0.316	0.302	0.274	17.46
4)	S	2-Fluorophenol	1.271	1.170	1.069	1.060	1.051	0.991	0.918	1.076	10.74
5)	S	Phenol-d6	1.663	1.493	1.351	1.331	1.310	1.239	1.139	1.361	12.60
6)		bis(2-Chloroet...	1.153	1.104	1.070	1.096	1.091	1.028	0.939	1.069	6.40
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.305	0.277	0.241	0.247	0.261	0.272	0.272	0.268	7.94
9)		Naphthalene	1.147	1.072	1.016	1.032	1.036	1.008	0.955	1.038	5.74
10)		Hexachlorobuta...	0.215	0.205	0.197	0.202	0.202	0.197	0.189	0.201	4.09
11)	SURR	2-Methylnaphth...	0.664	0.640	0.621	0.638	0.636	0.620	0.584	0.629	3.91
12)		2-Methylnaphth...	0.798	0.740	0.697	0.701	0.691	0.665	0.630	0.703	7.63
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.177	0.149	0.141	0.152	0.165	0.175	0.176	0.162	9.21
15)	S	2-Fluorobiphenyl	1.803	1.669	1.436	1.470	1.472	1.447	1.369	1.524	10.09
16)		Acenaphthylene	2.022	1.848	1.746	1.795	1.826	1.796	1.691	1.818	5.72
17)		Acenaphthene	1.229	1.137	1.085	1.119	1.140	1.136	1.075	1.132	4.45
18)		Fluorene	1.567	1.443	1.370	1.421	1.435	1.410	1.314	1.423	5.46
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.019	0.018	0.024	0.029	0.039	0.050		0.030	41.26
21)		4-Bromophenyl-...	0.258	0.238	0.229	0.238	0.238	0.235	0.229	0.238	4.20
22)		Hexachlorobenzene	0.251	0.232	0.224	0.232	0.232	0.230	0.222	0.232	3.97
23)		Atrazine	0.234	0.212	0.201	0.212	0.213	0.219	0.207	0.214	4.73
24)		Pentachlorophenol	0.077	0.063	0.074	0.081	0.092	0.102	0.106	0.085	18.31
25)		Phenanthrene	1.235	1.119	1.069	1.101	1.098	1.080	1.020	1.103	6.02
26)		Anthracene	1.200	1.074	1.047	1.067	1.061	1.034	0.987	1.067	6.13
27)	SURR	Fluoranthene-d10	1.184	1.147	1.108	1.156	1.147	1.120	1.060	1.132	3.54
28)		Fluoranthene	1.454	1.307	1.236	1.261	1.230	1.198	1.142	1.261	7.86
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.538	1.407	1.296	1.351	1.367	1.347	1.268	1.368	6.42
31)	S	Terphenyl-d14	1.240	1.107	0.935	0.979	0.985	0.965	0.910	1.017	11.41
32)		Benzo(a)anthra...	1.487	1.362	1.262	1.354	1.382	1.366	1.292	1.358	5.28
33)		Chrysene	1.421	1.324	1.228	1.269	1.290	1.275	1.223	1.290	5.23
34)		Bis(2-ethylhex...	0.792	0.729	0.682	0.748	0.809	0.852	0.834	0.778	7.85
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.550	1.454	1.407	1.461	1.480	1.464	1.399	1.459	3.43
37)		Benzo(b)fluora...	1.531	1.383	1.302	1.369	1.350	1.302	1.247	1.355	6.68
38)		Benzo(k)fluora...	1.490	1.377	1.295	1.329	1.334	1.306	1.220	1.336	6.21
39)	C	Benzo(a)pyrene	1.362	1.233	1.163	1.215	1.235	1.210	1.151	1.224	5.64
40)		Dibenzo(a,h)an...	1.301	1.232	1.194	1.223	1.236	1.230	1.190	1.229	2.97
41)		Benzo(g,h,i)pe...	1.328	1.232	1.184	1.237	1.258	1.248	1.192	1.240	3.84

(#) = Out of Range