Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN060121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jun 01 17:40:45 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014810.D 0.2 =BN014811.D 0.4 =BN014812.D 0.8 =BN014813.D 1.6 =BN014814.D 3.2 =BN014815.D 5.0 =BN014816.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	0.863	0.558	0.500	0.519	0.500	0.459	0.567		26.26
3)		n-Nitrosodimet...	0.092	0.060	0.040	0.155	0.168	0.177	0.115		51.05
4)	S	2-Fluorophenol	1.142	1.091	1.138	0.994	0.986	1.010	0.910	1.039	8.34
5)	S	Phenol-d6	1.478	1.368	1.388	1.319	1.356	1.416	1.309	1.376	4.23
6)		bis(2-Chloroet...	1.275	1.080	1.024	1.137	1.163	1.183	1.081	1.135	7.29
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.293	0.344	0.310	0.343	0.350	0.372	0.372	0.340	8.70
9)		Naphthalene	1.074	1.145	1.069	1.132	1.136	1.109	1.063	1.104	3.18
10)		Hexachlorobuta...	0.323	0.309	0.287	0.310	0.307	0.296	0.281	0.302	4.86
11)	SURR	2-Methylnaphth...	0.757	0.802	0.686	0.760	0.767	0.765	0.732	0.753	4.75
12)		2-Methylnaphth...	0.739	0.764	0.723	0.808	0.818	0.813	0.778	0.777	4.81
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.179	0.188	0.191	0.194	0.217	0.249	0.255	0.210	14.53
15)	S	2-Fluorobiphenyl	1.422	1.420	1.380	1.532	1.550	1.508	1.424	1.462	4.52
16)		Acenaphthylene	1.444	1.402	1.372	1.502	1.604	1.666	1.640	1.519	7.82
17)		Acenaphthene	1.132	1.105	1.058	1.124	1.131	1.163	1.129	1.120	2.89
18)		Fluorene	1.550	1.527	1.416	1.553	1.590	1.538	1.485	1.523	3.72
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.045	0.030	0.029	0.043	0.054	0.067	0.074	0.049	35.48
21)		4-Bromophenyl-...	0.248	0.248	0.245	0.272	0.282	0.288	0.277	0.266	6.85
22)		Hexachlorobenzene	0.307	0.329	0.296	0.320	0.317	0.322	0.304	0.313	3.68
23)		Atrazine	0.177	0.157	0.143	0.152	0.162	0.180	0.182	0.165	9.24
24)		Pentachlorophenol	0.059	0.054	0.058	0.077	0.093	0.097	0.073		26.18
25)		Phenanthrene	1.155	1.107	1.053	1.131	1.146	1.188	1.141	1.132	3.76
26)		Anthracene	0.874	0.890	0.824	0.924	0.977	1.050	1.019	0.937	8.73
27)	SURR	Fluoranthene-d10	1.530	1.606	1.329	1.414	1.452	1.510	1.457	1.471	6.05
28)		Fluoranthene	1.533	1.484	1.392	1.523	1.595	1.659	1.581	1.538	5.57
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.229	1.192	1.091	1.141	1.170	1.118	1.091	1.148	4.57
31)	S	Terphenyl-d14	0.978	0.978	0.898	0.964	0.991	0.950	0.918	0.954	3.60
32)		Benzo(a)anthra...	1.122	1.076	0.966	1.086	1.180	1.194	1.199	1.118	7.49
33)		Chrysene	1.386	1.381	1.321	1.394	1.401	1.348	1.292	1.360	3.03
34)		Bis(2-ethylhex...	0.381	0.298	0.308	0.294	0.301	0.319	0.317		10.23
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.507	1.556	1.473	1.643	1.764	1.810	1.772	1.647	8.37
37)		Benzo(b)fluora...	1.374	1.373	1.278	1.436	1.566	1.587	1.559	1.453	8.21
38)		Benzo(k)fluora...	1.483	1.481	1.518	1.604	1.653	1.626	1.587	1.564	4.48
39)	C	Benzo(a)pyrene	1.216	1.203	1.169	1.271	1.345	1.367	1.337	1.272	6.19
40)		Dibenzo(a,h)an...	1.197	1.267	1.195	1.371	1.488	1.542	1.515	1.368	10.99
41)		Benzo(g,h,i)pe...	1.467	1.513	1.394	1.529	1.595	1.597	1.534	1.518	4.70

(#) = Out of Range