Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 14 17:58:02 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN036898.D 0.2 =BN036899.D 0.4 =BN036900.D 0.8 =BN036901.D 1.6 =BN036902.D 3.2 =BN036903.D 5.0 =BN036904.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	0.488	0.462	0.500	0.459	0.431	0.458	0.404	0.457	7.10
3)		n-Nitrosodimet...	1.146	1.039	1.128	1.054	1.025	1.081	0.921	1.056	7.05
4)	S	2-Fluorophenol	0.962	0.927	0.962	0.910	0.920	1.016	0.920	0.945	3.96
5)	S	Phenol-d6	1.247	1.081	1.169	1.134	1.155	1.317	1.202	1.186	6.54
6)		bis(2-Chloroet...	1.354	1.076	1.149	1.108	1.087	1.209	1.069	1.150	8.91
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.588	0.413	0.444	0.410	0.418	0.467	0.425	0.452	13.96
9)		Naphthalene	1.326	1.123	1.198	1.090	1.090	1.215	1.095	1.162	7.65
10)		Hexachlorobuta...	0.287	0.273	0.286	0.256	0.255	0.274	0.241	0.267	6.39
11)	SURR	2-Methylnaphth...	0.597	0.560	0.594	0.550	0.559	0.641	0.578	0.583	5.37
12)		2-Methylnaphth...	0.785	0.681	0.748	0.699	0.718	0.815	0.732	0.740	6.41
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.188	0.177	0.197	0.181	0.192	0.215	0.195	0.192	6.39
15)	S	2-Fluorobiphenyl	2.001	1.954	2.026	1.673	1.914	2.052	1.895	1.931	6.59
16)		Acenaphthylene	1.914	1.791	1.902	1.797	1.853	2.091	1.934	1.897	5.37
17)		Acenaphthene	1.287	1.193	1.273	1.206	1.206	1.348	1.239	1.250	4.47
18)		Fluorene	1.629	1.556	1.671	1.593	1.624	1.832	1.648	1.650	5.35
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.082	0.108	0.102	0.107	0.129	0.125	0.109	15.78
21)		4-Bromophenyl-...	0.243	0.245	0.274	0.243	0.250	0.273	0.247	0.253	5.49
22)		Hexachlorobenzene	0.295	0.284	0.310	0.274	0.271	0.291	0.264	0.284	5.64
23)		Atrazine	0.198	0.186	0.238	0.209	0.206	0.234	0.206	0.211	8.88
24)		Pentachlorophenol	0.139	0.134	0.159	0.141	0.150	0.174	0.165	0.152	9.94
25)		Phenanthrene	1.198	1.158	1.318	1.163	1.191	1.329	1.225	1.226	5.75
26)		Anthracene	1.022	1.013	1.168	1.048	1.087	1.243	1.145	1.104	7.70
27)	SURR	Fluoranthene-d10	0.988	0.964	1.136	1.021	1.034	1.185	1.078	1.058	7.54
28)		Fluoranthene	1.355	1.283	1.535	1.399	1.416	1.631	1.470	1.441	8.05
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.791	1.849	1.827	1.684	1.804	1.883	1.761	1.800	3.60
31)	S	Terphenyl-d14	0.855	0.880	0.904	0.837	0.873	0.919	0.859	0.875	3.26
32)		Benzo(a)anthra...	1.379	1.332	1.465	1.400	1.474	1.613	1.498	1.452	6.35
33)		Chrysene	1.590	1.555	1.639	1.508	1.531	1.665	1.492	1.569	4.19
34)		Bis(2-ethylhex...	0.936	0.750	0.868	0.822	0.738	0.933	0.815	0.837	9.52
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.313	1.363	1.525	1.411	1.420	1.653	1.464	1.450	7.76
37)		Benzo(b)fluora...	1.376	1.465	1.636	1.465	1.559	1.702	1.627	1.547	7.53
38)		Benzo(k)fluora...	1.406	1.495	1.680	1.483	1.532	1.713	1.628	1.562	7.25
39)	C	Benzo(a)pyrene	1.177	1.198	1.372	1.223	1.279	1.435	1.348	1.290	7.55
40)		Dibenzo(a,h)an...	1.030	1.049	1.183	1.092	1.102	1.289	1.148	1.128	7.86
41)		Benzo(g,h,i)pe...	1.169	1.211	1.332	1.201	1.202	1.385	1.211	1.244	6.50

(#) = Out of Range