Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN041125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 11 16:11:08 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN036873.D 0.2 =BN036874.D 0.4 =BN036875.D 0.8 =BN036876.D 1.6 =BN036877.D 3.2 =BN036878.D 5.0 =BN036879.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	0.588	0.440	0.411	0.455	0.471	0.417	0.464		14.02
3)		n-Nitrosodimet...	1.024	1.092	1.084	0.971	1.022	1.058	0.943	1.028	5.43
4)	S	2-Fluorophenol	1.000	0.941	0.965	0.920	0.892	0.981	0.888	0.941	4.61
5)	S	Phenol-d6	1.315	1.199	1.198	1.134	1.147	1.263	1.166	1.203	5.40
6)		bis(2-Chloroet...	1.476	1.031	1.187	1.163	1.124	1.190	1.091	1.180	12.04
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.575	0.438	0.451	0.399	0.395	0.439	0.411	0.444	13.86
9)		Naphthalene	1.336	1.141	1.170	1.079	1.072	1.176	1.080	1.151	8.09
10)		Hexachlorobuta...	0.300	0.261	0.284	0.247	0.240	0.261	0.235	0.261	9.11
11)	SURR	2-Methylnaphth...	0.600	0.564	0.594	0.554	0.572	0.616	0.571	0.582	3.78
12)		2-Methylnaphth...	0.803	0.703	0.759	0.704	0.711	0.784	0.724	0.741	5.50
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.215	0.188	0.183	0.187	0.185	0.202	0.191	0.193	5.97
15)	S	2-Fluorobiphenyl	2.063	1.860	2.013	1.697	1.897	2.083	1.833	1.921	7.28
16)		Acenaphthylene	1.959	1.808	1.891	1.744	1.750	1.995	1.861	1.858	5.25
17)		Acenaphthene	1.227	1.175	1.234	1.162	1.152	1.316	1.205	1.210	4.65
18)		Fluorene	1.695	1.698	1.694	1.566	1.593	1.780	1.657	1.669	4.29
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.081	0.084	0.095	0.092	0.092	0.116	0.102	0.095	12.46
21)		4-Bromophenyl-...	0.239	0.230	0.260	0.229	0.230	0.258	0.231	0.240	5.77
22)		Hexachlorobenzene	0.308	0.293	0.310	0.262	0.261	0.288	0.263	0.284	7.64
23)		Atrazine	0.237	0.233	0.263	0.221	0.223	0.245	0.218	0.234	6.76
24)		Pentachlorophenol	0.153	0.154	0.162	0.130	0.134	0.160	0.149	0.149	8.32
25)		Phenanthrene	1.233	1.093	1.298	1.139	1.149	1.300	1.183	1.199	6.70
26)		Anthracene	1.033	0.999	1.150	0.991	1.036	1.182	1.094	1.069	6.97
27)	SURR	Fluoranthene-d10	1.100	1.059	1.221	1.044	1.091	1.226	1.148	1.127	6.53
28)		Fluoranthene	1.448	1.405	1.606	1.395	1.463	1.677	1.570	1.509	7.21
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.488	1.512	1.604	1.477	1.469	1.582	1.451	1.512	3.88
31)	S	Terphenyl-d14	0.743	0.751	0.815	0.741	0.739	0.802	0.730	0.760	4.45
32)		Benzo(a)anthra...	1.361	1.371	1.410	1.354	1.402	1.552	1.443	1.413	4.87
33)		Chrysene	1.436	1.567	1.669	1.519	1.553	1.641	1.517	1.558	5.06
34)		Bis(2-ethylhex...	1.205	1.197	1.023	0.957	0.990	1.022	0.947	1.049	10.29
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.781	1.803	2.021	1.816	1.925	2.099	1.919	1.909	6.24
37)		Benzo(b)fluora...	1.373	1.278	1.523	1.355	1.376	1.572	1.456	1.419	7.26
38)		Benzo(k)fluora...	1.486	1.302	1.482	1.370	1.384	1.545	1.452	1.432	5.83
39)	C	Benzo(a)pyrene	1.121	1.154	1.345	1.204	1.226	1.378	1.279	1.244	7.66
40)		Dibenzo(a,h)an...	1.331	1.416	1.585	1.487	1.560	1.680	1.552	1.516	7.61
41)		Benzo(g,h,i)pe...	1.646	1.673	1.805	1.634	1.724	1.835	1.678	1.714	4.59

(#) = Out of Range