Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN051225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 12 18:05:36 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN036982.D 0.2 =BN036983.D 0.4 =BN036984.D 0.8 =BN036985.D 1.6 =BN036986.D 3.2 =BN036987.D 5.0 =BN036988.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	0.528	0.496	0.543	0.511	0.529	0.490	0.464	0.509	5.33
3)		n-Nitrosodimet...	1.189	1.020	1.084	1.034	1.089	1.025	0.967	1.058	6.70
4)	S	2-Fluorophenol	1.045	1.035	1.122	0.979	1.033	1.013	0.989	1.031	4.57
5)	S	Phenol-d6	1.191	1.200	1.331	1.172	1.278	1.292	1.288	1.250	4.92
6)		bis(2-Chloroet...	1.136	1.132	1.152	1.132	1.227	1.178	1.160	1.160	2.94
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.390	0.386	0.419	0.411	0.454	0.444	0.448	0.422	6.62
9)		Naphthalene	1.158	1.135	1.157	1.119	1.216	1.171	1.177	1.162	2.69
10)		Hexachlorobuta...	0.256	0.258	0.253	0.241	0.259	0.241	0.238	0.249	3.64
11)	SURR	2-Methylnaphth...	0.535	0.544	0.542	0.540	0.598	0.581	0.593	0.562	4.89
12)		2-Methylnaphth...	0.719	0.714	0.732	0.722	0.809	0.786	0.797	0.754	5.47
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.184	0.176	0.185	0.169	0.192	0.187	0.191	0.183	4.48
15)	S	2-Fluorobiphenyl	1.929	1.641	1.954	1.879	1.979	1.825	1.868	1.868	6.07
16)		Acenaphthylene	1.886	1.842	1.897	1.885	2.070	2.039	2.067	1.955	5.05
17)		Acenaphthene	1.295	1.224	1.271	1.237	1.359	1.295	1.305	1.284	3.52
18)		Fluorene	1.693	1.650	1.707	1.665	1.808	1.752	1.774	1.721	3.40
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.079	0.080	0.094	0.100	0.114	0.118	0.131	0.102	19.27
21)		4-Bromophenyl-...	0.243	0.252	0.253	0.257	0.272	0.273	0.268	0.260	4.40
22)		Hexachlorobenzene	0.279	0.278	0.279	0.270	0.287	0.279	0.273	0.278	1.93
23)		Atrazine	0.210	0.218	0.222	0.217	0.239	0.246	0.253	0.229	7.23
24)		Pentachlorophenol	0.146	0.134	0.140	0.146	0.161	0.173	0.179	0.154	11.10
25)		Phenanthrene	1.272	1.249	1.286	1.295	1.370	1.354	1.366	1.313	3.77
26)		Anthracene	1.113	1.098	1.145	1.161	1.273	1.293	1.323	1.201	7.72
27)	SURR	Fluoranthene-d10	1.043	1.031	1.062	1.041	1.124	1.130	1.174	1.087	5.12
28)		Fluoranthene	1.426	1.437	1.502	1.491	1.635	1.644	1.695	1.547	7.03
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.878	1.816	1.782	1.804	1.912	1.798	1.719	1.815	3.49
31)	S	Terphenyl-d14	0.948	0.908	0.896	0.894	0.943	0.894	0.855	0.905	3.54
32)		Benzo(a)anthra...	1.460	1.461	1.484	1.469	1.615	1.539	1.565	1.513	4.01
33)		Chrysene	1.593	1.569	1.612	1.553	1.666	1.600	1.593	1.598	2.23
34)		Bis(2-ethylhex...	1.011	0.960	0.908	0.817	0.919	0.907	1.000	0.932	7.10
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN051225.M

36)		Indeno(1,2,3-c...	1.420	1.500	1.566	1.542	1.662	1.635	1.738	1.580	6.76
37)		Benzo(b)fluora...	1.619	1.598	1.585	1.593	1.781	1.751	1.740	1.667	5.17
38)		Benzo(k)fluora...	1.552	1.559	1.628	1.597	1.799	1.739	1.723	1.657	5.85
39)	C	Benzo(a)pyrene	1.338	1.270	1.355	1.314	1.475	1.459	1.480	1.385	6.18
40)		Dibenzo(a,h)an...	1.083	1.129	1.234	1.211	1.307	1.299	1.367	1.233	8.22
41)		Benzo(g,h,i)pe...	1.331	1.303	1.374	1.333	1.418	1.369	1.433	1.366	3.47

(#) = Out of Range