Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN041224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 12 15:55:57 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN030857.D 0.2 =BN030858.D 0.4 =BN030859.D 0.8 =BN030860.D 1.6 =BN030861.D 3.2 =BN030862.D 5.0 =BN030863.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	0.536	0.522	0.505	0.461	0.473	0.450	0.436	0.483	7.84
3)		n-Nitrosodimet...	0.411	0.469	0.465	0.456	0.496	0.483	0.471	0.464	5.78
4)	S	2-Fluorophenol	0.989	0.985	0.917	0.917	0.977	0.962	0.970	0.960	3.16
5)	S	Phenol-d6	1.139	1.125	1.081	1.101	1.211	1.228	1.251	1.162	5.77
6)		bis(2-Chloroet...	1.042	1.093	1.039	1.066	1.144	1.115	1.097	1.085	3.55
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.264	0.276	0.267	0.273	0.303	0.305	0.311	0.286	7.03
9)		Naphthalene	1.076	1.124	1.074	1.077	1.157	1.124	1.113	1.106	2.87
10)		Hexachlorobuta...	0.216	0.227	0.219	0.217	0.231	0.220	0.216	0.221	2.68
11)	SURR	2-Methylnaphth...	0.597	0.612	0.589	0.594	0.642	0.629	0.628	0.613	3.37
12)		2-Methylnaphth...	0.702	0.721	0.699	0.700	0.762	0.745	0.737	0.724	3.47
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.159	0.150	0.143	0.145	0.167	0.179	0.191	0.162	11.11
15)	S	2-Fluorobiphenyl	1.419	1.473	1.363	1.389	1.469	1.424	1.387	1.418	2.95
16)		Acenaphthylene	1.545	1.634	1.600	1.661	1.876	1.941	1.977	1.748	10.18
17)		Acenaphthene	1.167	1.249	1.176	1.194	1.301	1.286	1.270	1.235	4.44
18)		Fluorene	1.543	1.613	1.543	1.582	1.718	1.705	1.659	1.623	4.47
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.042	0.042	0.047	0.058	0.063	0.050	19.20		
21)		4-Bromophenyl-...	0.224	0.231	0.224	0.227	0.247	0.245	0.247	0.235	4.69
22)		Hexachlorobenzene	0.266	0.273	0.263	0.268	0.292	0.280	0.280	0.274	3.72
23)		Atrazine	0.174	0.163	0.160	0.163	0.185	0.188	0.195	0.175	8.04
24)		Pentachlorophenol	0.072	0.082	0.087	0.105	0.117	0.093	19.64		
25)		Phenanthrene	1.119	1.148	1.123	1.138	1.235	1.220	1.211	1.171	4.24
26)		Anthracene	0.888	0.900	0.901	0.926	1.049	1.075	1.110	0.978	9.75
27)	SURR	Fluoranthene-d10	1.060	1.077	1.059	1.084	1.165	1.165	1.173	1.112	4.76
28)		Fluoranthene	1.403	1.397	1.385	1.407	1.538	1.521	1.492	1.449	4.52
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.539	1.502	1.436	1.441	1.574	1.501	1.534	1.504	3.38
31)	S	Terphenyl-d14	0.988	0.919	0.859	0.880	0.938	0.883	0.898	0.909	4.76
32)		Benzo(a)anthra...	1.435	1.305	1.313	1.309	1.449	1.439	1.456	1.387	5.25
33)		Chrysene	1.584	1.482	1.412	1.443	1.534	1.483	1.464	1.486	3.85
34)		Bis(2-ethylhex...	0.642	0.548	0.522	0.582	0.635	0.702	0.605	11.04	
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.426	1.401	1.421	1.529	1.697	1.767	1.710	1.564	10.02
37)		Benzo(b)fluora...	1.875	1.794	1.657	1.700	1.833	1.772	1.770	1.771	4.19
38)		Benzo(k)fluora...	1.689	1.620	1.570	1.619	1.777	1.712	1.706	1.670	4.23
39)	C	Benzo(a)pyrene	1.322	1.284	1.284	1.301	1.439	1.465	1.452	1.364	6.14
40)		Dibenzo(a,h)an...	1.116	1.095	1.118	1.224	1.359	1.419	1.367	1.243	11.08
41)		Benzo(g,h,i)pe...	1.253	1.237	1.229	1.336	1.442	1.489	1.436	1.346	8.14

(#) = Out of Range