Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jul 21 16:45:21 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN015641.D 0.2 =BN015642.D 0.4 =BN015643.D 0.8 =BN015644.D 1.6 =BN015645.D 3.2 =BN015646.D 5 =BN015647.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.130	0.125	0.126	0.152	0.144	0.143	0.132	0.136	7.61
3)		n-Nitrosodimet...	0.333	0.323	0.322	0.346	0.360	0.353	0.334	0.339	4.30
4)	S	2-Fluorophenol	1.274	1.246	1.188	1.195	1.206	1.150	1.069	1.190	5.61
5)	S	Phenol-d6	1.509	1.466	1.418	1.427	1.465	1.401	1.303	1.427	4.61
6)		bis(2-Chloroet...	1.303	1.260	1.215	1.280	1.275	1.184	1.080	1.228	6.28
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.286	0.270	0.267	0.295	0.319	0.324	0.319	0.297	8.04
9)		Naphthalene	1.293	1.232	1.168	1.185	1.180	1.127	1.067	1.179	6.14
10)		Hexachlorobuta...	0.224	0.218	0.209	0.219	0.220	0.211	0.201	0.215	3.68
11)	SURR	2-Methylnaphth...	0.720	0.714	0.635	0.671	0.684	0.655	0.622	0.671	5.57
12)		2-Methylnaphth...	0.776	0.762	0.733	0.770	0.777	0.729	0.685	0.748	4.54
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.174	0.156	0.159	0.186	0.203	0.216	0.219	0.188	13.88
15)	S	2-Fluorobiphenyl	1.627	1.653	1.545	1.625	1.605	1.556	1.480	1.584	3.81
16)		Acenaphthylene	1.723	1.726	1.720	1.944	2.050	2.044	1.971	1.883	8.17
17)		Acenaphthene	1.262	1.254	1.191	1.268	1.294	1.269	1.217	1.251	2.79
18)		Fluorene	1.546	1.512	1.457	1.580	1.588	1.557	1.480	1.532	3.26
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.023	0.016	0.019	0.031	0.045	0.063	0.068	0.038	56.01
21)		4-Bromophenyl-...	0.252	0.240	0.234	0.256	0.265	0.264	0.248	0.251	4.63
22)		Hexachlorobenzene	0.272	0.276	0.264	0.280	0.280	0.275	0.254	0.272	3.55
23)		Atrazine	0.184	0.162	0.167	0.190	0.216	0.227	0.219	0.195	13.30
24)		Pentachlorophenol	0.042	0.027	0.035	0.053	0.072	0.094	0.105	0.061	48.93
25)		Phenanthrene	1.300	1.289	1.236	1.306	1.328	1.290	1.183	1.276	3.91
26)		Anthracene	1.079	1.031	1.038	1.154	1.216	1.212	1.128	1.122	6.81
27)	SURR	Fluoranthene-d10	1.347	1.296	1.153	1.244	1.287	1.261	1.170	1.251	5.52
28)		Fluoranthene	1.462	1.419	1.403	1.490	1.516	1.437	1.305	1.433	4.81
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.615	1.487	1.413	1.529	1.569	1.527	1.472	1.516	4.35
31)	S	Terphenyl-d14	0.986	0.934	0.887	0.971	0.957	0.934	0.899	0.939	3.87
32)		Benzo(a)anthra...	1.455	1.402	1.362	1.466	1.560	1.523	1.475	1.463	4.61
33)		Chrysene	1.499	1.481	1.418	1.489	1.517	1.444	1.375	1.461	3.45
34)		Bis(2-ethylhex...	0.873	0.671	0.664	0.754	0.896	0.957	1.004	0.831	16.35
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.752	1.685	1.563	1.740	1.752	1.687	1.576	1.679	4.77
37)		Benzo(b)fluora...	1.549	1.515	1.547	1.608	1.616	1.590	1.454	1.554	3.68
38)		Benzo(k)fluora...	1.627	1.591	1.492	1.595	1.609	1.491	1.418	1.546	5.09
39)	C	Benzo(a)pyrene	1.372	1.335	1.297	1.410	1.451	1.423	1.343	1.376	3.98
40)		Dibenzo(a,h)an...	1.422	1.361	1.272	1.403	1.411	1.356	1.273	1.357	4.62
41)		Benzo(g,h,i)pe...	1.455	1.419	1.365	1.469	1.499	1.468	1.386	1.437	3.39

(#) = Out of Range