Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN082422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 29 04:26:29 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN021340.D 0.2 =BN021341.D 0.4 =BN021342.D 0.8 =BN021343.D 1.6 =BN021344.D 3.2 =BN021345.D 5.0 =BN021346.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	0.572	0.578	0.571	0.604	0.567	0.514	0.479	0.555	7.71
3)		n-Nitrosodimet...	0.590	0.550	0.529	0.560	0.533	0.489	0.464	0.531	8.04
4)	S	2-Fluorophenol	1.273	1.152	1.093	1.114	1.052	0.966	0.927	1.082	10.70
5)	S	Phenol-d6	1.527	1.431	1.368	1.383	1.321	1.248	1.219	1.357	7.82
6)		bis(2-Chloroet...	1.458	1.395	1.385	1.452	1.365	1.257	1.190	1.357	7.34
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.327	0.298	0.286	0.306	0.304	0.295	0.304	0.303	4.21
9)		Naphthalene	1.701	1.342	1.239	1.298	1.255	1.187	1.185	1.315	13.61
10)		Hexachlorobuta...	0.232	0.217	0.209	0.228	0.222	0.206	0.204	0.217	5.09
11)	SURR	2-Methylnaphth...	0.620	0.583	0.654	0.714	0.755	0.707	0.697	0.676	8.84
12)		2-Methylnaphth...	0.221	0.205	0.197	0.219	0.227	0.240	0.258	0.224	9.22
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.202	0.178	0.161	0.177	0.181	0.185	0.198	0.183	7.55
15)	S	2-Fluorobiphenyl	1.876	1.798	1.716	1.866	1.819	1.730	1.718	1.789	3.83
16)		Acenaphthylene	1.970	1.847	1.812	2.035	2.110	2.097	2.167	2.005	6.76
17)		Acenaphthene	1.424	1.332	1.299	1.443	1.447	1.392	1.405	1.392	4.04
18)		Fluorene	1.919	1.719	1.637	1.769	1.772	1.700	1.690	1.744	5.18
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.001	177.41
21)		4-Bromophenyl-...	0.274	0.264	0.253	0.285	0.282	0.279	0.280	0.274	4.19
22)		Hexachlorobenzene	0.322	0.308	0.299	0.339	0.326	0.317	0.314	0.318	4.06
23)		Atrazine	0.186	0.167	0.153	0.171	0.172	0.178	0.186	0.173	6.68
24)		Pentachlorophenol	0.129	0.098	0.092	0.105	0.107	0.113	0.124	0.110	12.15
25)		Phenanthrene	1.600	1.447	1.347	1.504	1.475	1.432	1.435	1.463	5.31
26)		Anthracene	1.224	1.118	1.067	1.229	1.235	1.253	1.289	1.202	6.60
27)	SURR	Fluoranthene-d10	1.231	1.154	1.096	1.247	1.214	1.204	1.221	1.195	4.40
28)		Fluoranthene	1.652	1.527	1.456	1.696	1.656	1.646	1.640	1.610	5.33
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.234	1.953	1.936	2.045	2.084	1.901	1.943	2.014	5.80
31)	S	Terphenyl-d14	0.918	0.856	0.798	0.884	0.874	0.804	0.781	0.845	6.07
32)		Benzo(a)anthra...	1.621	1.472	1.382	1.536	1.547	1.497	1.545	1.514	4.93
33)		Chrysene	1.812	1.647	1.560	1.698	1.679	1.582	1.575	1.651	5.40
34)		Bis(2-ethylhex...	0.992	0.741	0.626	0.671	0.664	0.672	0.743	0.730	16.88
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.977	1.850	1.876	2.116	2.143	2.136	2.144	2.034	6.44
37)		Benzo(b)fluora...	1.869	1.699	1.610	1.797	1.797	1.782	1.793	1.764	4.77
38)		Benzo(k)fluora...	1.803	1.692	1.737	1.935	1.924	1.849	1.819	1.823	4.92
39)	C	Benzo(a)pyrene	1.448	1.327	1.297	1.476	1.491	1.483	1.500	1.432	5.86
40)		Dibenzo(a,h)an...	1.595	1.527	1.566	1.764	1.775	1.751	1.738	1.674	6.35
41)		Benzo(g,h,i)pe...	1.789	1.605	1.623	1.830	1.843	1.826	1.817	1.762	5.81

(#) = Out of Range