Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN033122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 31 12:41:03 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN019246.D 0.2 =BN019247.D 0.4 =BN019248.D 0.8 =BN019249.D 1.6 =BN019250.D 3.2 =BN019251.D 5.0 =BN019252.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	0.693	0.601	0.529	0.535	0.488	0.450	0.427	0.532	17.24
3)		n-Nitrosodimet...	0.603	0.571	0.558	0.589	0.542	0.515	0.507	0.555	6.46
4)	S	2-Fluorophenol	0.902	0.927	0.891	0.923	0.854	0.807	0.819	0.875	5.55
5)	S	Phenol-d6	0.768	0.834	0.879	0.990	0.983	1.010	1.036	0.928	10.95
6)		bis(2-Chloroet...	0.967	1.031	1.102	1.223	1.184	1.141	1.103	1.107	7.90
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.245	0.262	0.267	0.296	0.292	0.311	0.337	0.287	11.08
9)		Naphthalene	1.125	1.140	1.165	1.235	1.163	1.138	1.150	1.159	3.12
10)		Hexachlorobuta...	0.281	0.274	0.280	0.287	0.266	0.254	0.253	0.271	4.92
11)	SURR	2-Methylnaphth...	0.552	0.596	0.643	0.684	0.656	0.652	0.663	0.635	7.15
12)		2-Methylnaphth...	0.671	0.695	0.750	0.810	0.773	0.765	0.773	0.748	6.48
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.153	0.157	0.166	0.190	0.195	0.214	0.234	0.187	16.32
15)	S	2-Fluorobiphenyl	1.417	1.536	1.585	1.730	1.673	1.634	1.664	1.605	6.49
16)		Acenaphthylene	1.544	1.596	1.701	1.949	1.968	2.018	2.119	1.842	12.22
17)		Acenaphthene	1.207	1.227	1.288	1.407	1.348	1.332	1.369	1.311	5.63
18)		Fluorene	1.470	1.509	1.635	1.781	1.701	1.666	1.717	1.640	6.87
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.039	0.039	0.045	0.058	0.066			0.049	24.28
21)		4-Bromophenyl-...	0.216	0.227	0.249	0.284	0.274	0.271	0.276	0.257	10.35
22)		Hexachlorobenzene	0.330	0.330	0.339	0.359	0.334	0.324	0.323	0.334	3.63
23)		Atrazine	0.163	0.160	0.161	0.175	0.173	0.193	0.208	0.176	10.35
24)		Pentachlorophenol	0.087	0.079	0.087	0.100	0.103	0.121		0.096	15.54
25)		Phenanthrene	1.103	1.143	1.238	1.375	1.313	1.312	1.331	1.259	8.12
26)		Anthracene	0.865	0.868	0.968	1.108	1.112	1.158	1.210	1.041	13.46
27)	SURR	Fluoranthene-d10	1.147	1.119	1.172	1.264	1.217	1.224	1.266	1.201	4.75
28)		Fluoranthene	1.401	1.387	1.463	1.608	1.554	1.533	1.569	1.502	5.71
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.973	1.988	2.084	2.145	1.955	1.871	1.817	1.976	5.74
31)	S	Terphenyl-d14	0.886	0.888	0.907	0.986	0.877	0.852	0.833	0.890	5.52
32)		Benzo(a)anthra...	0.969	1.102	1.107	1.312	1.328	1.440	1.513	1.253	15.83
33)		Chrysene	1.533	1.424	1.637	1.794	1.645	1.597	1.584	1.602	7.07
34)		Bis(2-ethylhex...	0.917	0.825	0.794	0.800	0.756	0.846	0.926	0.838	7.61
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.508	1.488	1.446	1.726	1.697	1.726	1.853	1.635	9.39
37)		Benzo(b)fluora...	1.251	1.250	1.392	1.567	1.594	1.621	1.725	1.486	12.68
38)		Benzo(k)fluora...	1.272	1.341	1.486	1.765	1.739	1.819	1.799	1.603	14.43
39)	C	Benzo(a)pyrene	1.129	1.273	1.269	1.474	1.408	1.424	1.472	1.350	9.58
40)		Dibenzo(a,h)an...	0.999	1.039	1.055	1.235	1.287	1.321	1.420	1.194	13.63
41)		Benzo(g,h,i)pe...	1.431	1.554	1.619	1.855	1.747	1.688	1.778	1.667	8.66

(#) = Out of Range