Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN040221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 02 18:54:36 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014186.D 0.2 =BN014187.D 0.4 =BN014190.D 0.8 =BN014189.D 1.6 =BN014191.D 3.2 =BN014192.D 5 =BN014193.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	0.583	0.548	0.516	0.478	0.489	0.474	0.425	0.502	10.38
3)		n-Nitrosodimet...		0.325	0.312	0.374	0.417	0.436	0.416	0.380	13.62
4)	S	2-Fluorophenol	1.214	1.202	1.118	1.035	1.044	1.015	0.927	1.079	9.66
5)	S	Phenol-d6	1.541	1.500	1.408	1.303	1.338	1.324	1.232	1.378	8.06
6)		bis(2-Chloroet...	1.151	1.141	1.139	1.076	1.116	1.078	0.990	1.099	5.15
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.303	0.306	0.292	0.295	0.303	0.314	0.304	0.302	2.41
9)		Naphthalene	1.086	1.083	1.071	1.057	1.085	1.097	1.021	1.071	2.39
10)		Hexachlorobuta...	0.203	0.205	0.203	0.196	0.199	0.202	0.186	0.199	3.19
11)	SURR	2-Methylnaphth...	0.873	0.874	0.868	0.857	0.886	0.899	0.851	0.872	1.90
12)		2-Methylnaphth...	0.724	0.714	0.721	0.711	0.734	0.741	0.697	0.720	2.06
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.147	0.151	0.135	0.138	0.148	0.165	0.170	0.151	8.58
15)	S	2-Fluorobiphenyl	1.494	1.507	1.507	1.491	1.514	1.507	1.419	1.491	2.20
16)		Acenaphthylene	1.571	1.565	1.580	1.595	1.708	1.819	1.776	1.659	6.46
17)		Acenaphthene	1.127	1.134	1.139	1.145	1.173	1.209	1.154	1.155	2.47
18)		Fluorene	1.453	1.465	1.460	1.441	1.488	1.527	1.452	1.469	2.00
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.047	0.053	0.049	0.052	0.060	0.071		0.055	15.94
21)		4-Bromophenyl-...	0.219	0.224	0.221	0.220	0.231	0.235	0.229	0.226	2.78
22)		Hexachlorobenzene	0.243	0.247	0.246	0.243	0.253	0.252	0.241	0.246	1.82
23)		Atrazine	0.158	0.160	0.149	0.149	0.160	0.171	0.175	0.160	6.32
24)		Pentachlorophenol		0.055	0.041	0.047	0.057	0.070		0.054	20.40
25)		Phenanthrene	1.210	1.194	1.157	1.138	1.187	1.208	1.137	1.176	2.68
26)		Anthracene	0.984	0.982	0.968	0.972	1.044	1.080	1.050	1.011	4.48
27)	SURR	Fluoranthene-d10	1.604	1.634	1.577	1.563	1.646	1.668	1.593	1.612	2.38
28)		Fluoranthene	1.413	1.408	1.354	1.350	1.424	1.431	1.345	1.389	2.72
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.468	1.323	1.298	1.253	1.283	1.303	1.264	1.313	5.50
31)	S	Terphenyl-d14	0.934	0.888	0.953	0.880	0.906	0.906	0.880	0.907	3.08
32)		Benzo(a)anthra...	1.328	1.283	1.286	1.266	1.326	1.341	1.302	1.305	2.13
33)		Chrysene	1.342	1.328	1.348	1.308	1.356	1.356	1.301	1.334	1.70
34)		Bis(2-ethylhex...	0.773	0.641	0.524	0.501	0.518	0.544	0.573	0.582	16.56
35)		Indeno(1,2,3-c...	1.637	1.716	1.584	1.587	1.597	1.596	1.481	1.600	4.38

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.435	1.452	1.493	1.462	1.529	1.562	1.463	1.485	3.08
38)		Benzo(k)fluora...	1.383	1.380	1.420	1.376	1.467	1.509	1.449	1.426	3.58
39)	C	Benzo(a)pyrene	1.280	1.280	1.301	1.278	1.337	1.380	1.316	1.310	2.87
40)		Dibenzo(a,h)an...	1.316	1.386	1.375	1.375	1.439	1.474	1.371	1.391	3.69
41)		Benzo(g,h,i)pe...	1.408	1.458	1.446	1.427	1.481	1.504	1.408	1.447	2.51

(#) = Out of Range