Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN101321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Oct 13 02:19:57 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016903.D 0.2 =BN016904.D 0.4 =BN016905.D 0.8 =BN016906.D 1.6 =BN016907.D 3.2 =BN016908.D 5.0 =BN016909.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	0.253	0.265	0.273	0.264	0.297	0.266	0.250	0.267	5.75
3)		n-Nitrosodimet...	0.260	0.288	0.299	0.312	0.345	0.329	0.316	0.307	9.03
4)	S	2-Fluorophenol	0.853	0.911	0.881	0.920	0.989	0.924	0.877	0.908	4.86
5)	S	Phenol-d6	0.919	0.974	0.968	1.018	1.122	1.062	1.014	1.011	6.59
6)		bis(2-Chloroet...	1.084	1.155	1.088	1.112	1.134	1.038	0.968	1.083	5.83
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.213	0.230	0.229	0.252	0.284	0.287	0.285	0.254	12.27
9)		Naphthalene	1.073	1.106	1.034	1.045	1.068	1.001	0.946	1.039	5.06
10)		Hexachlorobuta...	0.212	0.222	0.204	0.209	0.210	0.196	0.187	0.206	5.42
11)	SURR	2-Methylnaphth...	0.545	0.578	0.551	0.566	0.593	0.557	0.529	0.560	3.81
12)		2-Methylnaphth...	0.665	0.693	0.661	0.669	0.689	0.640	0.602	0.660	4.74
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.136	0.149	0.163	0.209	0.214	0.217	0.181	19.93	
15)	S	2-Fluorobiphenyl	1.505	1.642	1.530	1.534	1.561	1.442	1.387	1.515	5.44
16)		Acenaphthylene	1.337	1.495	1.540	1.662	1.851	1.762	1.699	1.621	10.80
17)		Acenaphthene	1.096	1.175	1.095	1.119	1.156	1.087	1.053	1.112	3.79
18)		Fluorene	1.243	1.341	1.320	1.333	1.432	1.340	1.269	1.325	4.56
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.021	0.029	0.038	0.048	0.073	0.084		0.049	51.18
21)		4-Bromophenyl-...	0.209	0.233	0.224	0.239	0.256	0.244	0.236	0.234	6.36
22)		Hexachlorobenzene	0.267	0.289	0.270	0.278	0.282	0.263	0.253	0.272	4.53
23)		Atrazine	0.114	0.130	0.138	0.159	0.193			0.147	20.89
24)		Pentachlorophenol	0.059	0.072	0.084	0.116	0.128			0.092	31.83
25)		Phenanthrene	1.121	1.192	1.132	1.148	1.204	1.118	1.052	1.138	4.47
26)		Anthracene	0.815	0.907	0.924	1.014	1.102	1.039	1.001	0.972	9.87
27)	SURR	Fluoranthene-d10	0.899	0.978	0.965	1.026	1.112	1.048	1.004	1.005	6.72
28)		Fluoranthene	1.120	1.234	1.240	1.293	1.349	1.223	1.152	1.230	6.33
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.255	1.316	1.253	1.285	1.314	1.264	1.219	1.272	2.74
31)	S	Terphenyl-d14	0.858	0.915	0.863	0.885	0.908	0.873	0.846	0.878	2.96
32)		Benzo(a)anthra...	1.091	1.104	1.149	1.247	1.326	1.281	1.232	1.204	7.54
33)		Chrysene	1.309	1.395	1.317	1.326	1.338	1.249	1.181	1.302	5.26
34)		Bis(2-ethylhex...	0.358	0.405	0.502	0.658	0.730			0.530	30.18
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.397	1.550	1.527	1.577	1.623	1.507	1.418	1.514	5.41
37)		Benzo(b)fluora...	1.184	1.249	1.248	1.348	1.393	1.316	1.229	1.281	5.76
38)		Benzo(k)fluora...	1.208	1.328	1.293	1.309	1.369	1.235	1.155	1.271	5.88
39)	C	Benzo(a)pyrene	1.095	1.148	1.139	1.210	1.278	1.195	1.134	1.171	5.20
40)		Dibenzo(a,h)an...	1.102	1.240	1.243	1.286	1.328	1.233	1.166	1.228	6.07
41)		Benzo(g,h,i)pe...	1.269	1.350	1.304	1.348	1.394	1.301	1.227	1.313	4.23

(#) = Out of Range