Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN040621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 06 03:14:49 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014207.D 0.2 =BN014208.D 0.4 =BN014209.D 0.8 =BN014210.D 1.6 =BN014211.D 3.2 =BN014212.D 5.0 =BN014213.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	0.609	0.522	0.483	0.436	0.468	0.453	0.418	0.484	13.34
3)		n-Nitrosodimet...		0.311	0.378	0.390	0.437	0.440	0.430	0.398	12.52
4)	S	2-Fluorophenol	1.101	1.078	1.039	0.930	0.984	0.965	0.914	1.002	7.23
5)	S	Phenol-d6	1.411	1.381	1.339	1.225	1.303	1.302	1.239	1.315	5.23
6)		bis(2-Chloroet...	1.184	1.178	1.192	1.130	1.171	1.131	1.022	1.144	5.18
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.287	0.278	0.281	0.277	0.295	0.310	0.309	0.291	4.80
9)		Naphthalene	1.080	1.082	1.094	1.049	1.091	1.098	1.018	1.073	2.73
10)		Hexachlorobuta...	0.199	0.199	0.203	0.195	0.199	0.198	0.184	0.197	3.02
11)	SURR	2-Methylnaphth...	0.903	0.900	0.912	0.890	0.930	0.942	0.869	0.906	2.69
12)		2-Methylnaphth...	0.756	0.744	0.759	0.746	0.775	0.779	0.711	0.753	3.04
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.138	0.132	0.138	0.138	0.155	0.176	0.183	0.151	13.32
15)	S	2-Fluorobiphenyl	1.525	1.525	1.519	1.451	1.469	1.498	1.407	1.485	3.03
16)		Acenaphthylene	1.479	1.497	1.546	1.590	1.713	1.860	1.800	1.641	9.21
17)		Acenaphthene	1.158	1.158	1.162	1.143	1.189	1.215	1.172	1.171	2.06
18)		Fluorene	1.453	1.468	1.500	1.479	1.514	1.570	1.474	1.494	2.62
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.045	0.045	0.049	0.052	0.064	0.077	0.088	0.060	28.05
21)		4-Bromophenyl-...	0.221	0.220	0.222	0.223	0.233	0.239	0.230	0.227	3.24
22)		Hexachlorobenzene	0.245	0.248	0.246	0.246	0.250	0.252	0.240	0.247	1.57
23)		Atrazine	0.138	0.144	0.141	0.145	0.160	0.176	0.184	0.155	11.79
24)		Pentachlorophenol		0.047	0.051	0.055	0.067	0.083	0.097	0.067	29.52
25)		Phenanthrene	1.153	1.169	1.158	1.165	1.205	1.206	1.162	1.174	1.88
26)		Anthracene	0.915	0.927	0.949	0.978	1.051	1.096	1.076	0.999	7.45
27)	SURR	Fluoranthene-d10	1.519	1.543	1.532	1.544	1.646	1.686	1.595	1.581	4.05
28)		Fluoranthene	1.282	1.308	1.336	1.369	1.442	1.446	1.340	1.361	4.65
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.334	1.307	1.287	1.276	1.280	1.301	1.248	1.290	2.09
31)	S	Terphenyl-d14	0.957	0.949	0.973	0.915	0.907	0.906	0.855	0.923	4.31
32)		Benzo(a)anthra...	1.217	1.176	1.177	1.180	1.250	1.328	1.310	1.234	5.20
33)		Chrysene	1.350	1.420	1.385	1.368	1.383	1.394	1.277	1.368	3.35
34)		Bis(2-ethylhex...	0.481	0.407	0.373	0.356	0.382	0.464	0.511	0.425	14.20
35)		Indeno(1,2,3-c...	1.670	1.802	1.687	1.587	1.655	1.658	1.500	1.651	5.62

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.493	1.459	1.472	1.472	1.541	1.563	1.452	1.493	2.87
38)		Benzo(k)fluora...	1.399	1.445	1.480	1.459	1.522	1.512	1.414	1.462	3.18
39)	C	Benzo(a)pyrene	1.297	1.298	1.316	1.303	1.390	1.404	1.331	1.334	3.33
40)		Dibenzo(a,h)an...	1.316	1.399	1.390	1.375	1.483	1.481	1.351	1.399	4.48
41)		Benzo(g,h,i)pe...	1.379	1.439	1.425	1.395	1.501	1.514	1.385	1.434	3.81

(#) = Out of Range