Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Sep 24 03:35:41 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016421.D 0.2 =BN016422.D 0.4 =BN016423.D 0.8 =BN016424.D 1.6 =BN016425.D 3.2 =BN016426.D 5.0 =BN016427.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	0.147	0.164	0.158	0.214	0.180	0.172	0.165	0.171	12.44
3)		n-Nitrosodimet...	0.327	0.370	0.380	0.441	0.475	0.450	0.441	0.412	12.94
4)	S	2-Fluorophenol	0.851	0.860	0.833	0.932	1.005	0.923	0.879	0.897	6.64
5)	S	Phenol-d6	0.968	0.987	0.975	1.100	1.199	1.126	1.060	1.059	8.29
6)		bis(2-Chloroet...	1.062	1.082	1.045	1.121	1.165	1.060	0.967	1.072	5.80
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.252	0.252	0.230	0.268	0.302	0.341	0.336	0.283	15.50
9)		Naphthalene	1.070	1.056	1.010	1.091	1.139	1.067	1.032	1.067	3.90
10)		Hexachlorobuta...	0.210	0.209	0.200	0.215	0.226	0.218	0.208	0.212	3.94
11)	SURR	2-Methylnaphth...	0.569	0.571	0.556	0.599	0.650	0.615	0.588	0.593	5.43
12)		2-Methylnaphth...	0.663	0.662	0.643	0.691	0.736	0.687	0.651	0.676	4.72
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.085	0.086	0.089	0.106	0.135	0.144		0.108	24.24
15)	S	2-Fluorobiphenyl	1.778	1.791	1.561	1.681	1.754	1.629	1.564	1.680	5.83
16)		Acenaphthylene	1.308	1.372	1.396	1.678	1.890	1.905	1.837	1.627	16.12
17)		Acenaphthene	1.096	1.113	1.067	1.164	1.261	1.214	1.173	1.155	5.92
18)		Fluorene	1.282	1.316	1.263	1.395	1.535	1.491	1.430	1.387	7.56
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.018	0.020	0.024	0.034	0.050	0.062	0.073	0.040	54.19
21)		4-Bromophenyl-...	0.210	0.218	0.209	0.238	0.250	0.259	0.250	0.233	9.00
22)		Hexachlorobenzene	0.225	0.226	0.213	0.238	0.243	0.244	0.231	0.231	4.80
23)		Atrazine	0.127	0.127	0.128	0.158	0.197	0.211	0.217	0.167	24.63
24)		Pentachlorophenol		0.054	0.058	0.074	0.091	0.107	0.116	0.083	30.37
25)		Phenanthrene	1.172	1.158	1.100	1.227	1.248	1.243	1.185	1.190	4.48
26)		Anthracene	0.838	0.856	0.848	1.012	1.123	1.151	1.112	0.992	14.27
27)	SURR	Fluoranthene-d10	0.977	1.013	0.981	1.112	1.199	1.225	1.177	1.098	9.74
28)		Fluoranthene	1.162	1.225	1.199	1.367	1.455	1.407	1.317	1.305	8.58
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.324	1.359	1.247	1.372	0.750	1.384	1.332	1.252	18.07
31)	S	Terphenyl-d14	1.046	1.075	0.933	0.999	0.526	0.987	0.943	0.930	19.92
32)		Benzo(a)anthra...	1.120	1.123	1.054	1.246	0.803	1.421	1.353	1.160	17.75
33)		Chrysene	1.335	1.349	1.267	1.361	0.796	1.334	1.281	1.246	16.18
34)		Bis(2-ethylhex...	0.345	0.311	0.294	0.348	0.284			0.316	9.18
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.251	1.269	1.241	1.444	0.885	1.537	1.445	1.296	16.57
37)		Benzo(b)fluora...	1.337	1.369	1.314	1.476	0.896	1.550	1.413	1.336	15.78
38)		Benzo(k)fluora...	1.301	1.311	1.290	1.443	0.862	1.478	1.357	1.292	15.72
39)	C	Benzo(a)pyrene	1.014	1.028	1.015	1.208	0.763	1.343	1.258	1.090	17.90
40)		Dibenzo(a,h)an...	1.079	1.090	1.069	1.240	0.747	1.292	1.212	1.104	16.33
41)		Benzo(g,h,i)pe...	1.105	1.134	1.106	1.260	0.764	1.323	1.244	1.134	16.20

(#) = Out of Range