Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN080921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 09 19:13:08 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN015823.D 0.2 =BN015824.D 0.4 =BN015825.D 0.8 =BN015826.D 1.6 =BN015827.D 3.2 =BN015828.D 5 =BN015829.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	0.154	0.182	0.192	0.166	0.165	0.162	0.151	0.167	8.85
3)		n-Nitrosodimet...	0.360	0.353	0.382	0.421	0.449	0.456	0.437	0.408	10.48
4)	S	2-Fluorophenol	1.233	1.041	1.034	1.029	1.033	0.992	0.927	1.041	8.97
5)	S	Phenol-d6	1.692	1.392	1.382	1.390	1.397	1.354	1.268	1.411	9.34
6)		bis(2-Chloroet...	1.221	1.112	1.123	1.110	1.100	1.051	0.968	1.098	6.97
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.325	0.301	0.274	0.294	0.323	0.340	0.340	0.314	7.98
9)		Naphthalene	1.153	1.057	1.025	1.041	1.056	1.032	0.990	1.050	4.80
10)		Hexachlorobuta...	0.284	0.269	0.263	0.273	0.278	0.272	0.260	0.271	3.08
11)	SURR	2-Methylnaphth...	0.639	0.640	0.628	0.648	0.662	0.652	0.627	0.642	1.97
12)		2-Methylnaphth...	0.770	0.710	0.701	0.761	0.763	0.700	0.700	0.729	4.57
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.179	0.149	0.154	0.171	0.190	0.204	0.204	0.179	12.43
15)	S	2-Fluorobiphenyl	1.944	1.732	1.517	1.550	1.554	1.518	1.436	1.607	10.80
16)		Acenaphthylene	1.728	1.608	1.592	1.694	1.788	1.783	1.733	1.704	4.59
17)		Acenaphthene	1.204	1.101	1.075	1.118	1.154	1.150	1.109	1.130	3.77
18)		Fluorene	1.516	1.396	1.364	1.403	1.455	1.452	1.384	1.424	3.70
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.019	0.021	0.026	0.036	0.046	0.060	0.067	0.039	47.84
21)		4-Bromophenyl-...	0.230	0.211	0.205	0.216	0.221	0.216	0.203	0.215	4.33
22)		Hexachlorobenzene	0.304	0.276	0.266	0.278	0.284	0.277	0.260	0.278	5.05
23)		Atrazine	0.178	0.163	0.164	0.183	0.205	0.218	0.210	0.189	11.89
24)		Pentachlorophenol	0.101	0.080	0.084	0.101	0.117	0.129	0.133	0.106	19.79
25)		Phenanthrene	1.234	1.115	1.066	1.117	1.135	1.121	1.053	1.120	5.23
26)		Anthracene	1.059	0.954	0.943	1.012	1.065	1.059	1.007	1.014	4.99
27)	SURR	Fluoranthene-d10	1.161	1.161	1.140	1.224	1.289	1.295	1.235	1.215	5.20
28)		Fluoranthene	1.423	1.305	1.284	1.365	1.404	1.358	1.262	1.343	4.54
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.426	1.251	1.216	1.255	1.258	1.220	1.210	1.262	5.94
31)	S	Terphenyl-d14	1.374	1.218	1.100	1.153	1.155	1.114	1.107	1.175	8.26
32)		Benzo(a)anthra...	1.381	1.257	1.237	1.284	1.339	1.304	1.299	1.300	3.73
33)		Chrysene	1.459	1.294	1.266	1.311	1.308	1.252	1.230	1.303	5.76
34)		Bis(2-ethylhex...	0.606	0.499	0.495	0.522	0.633	0.682	0.709	0.592	14.90
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.371	1.280	1.252	1.395	1.454	1.443	1.406	1.372	5.67
37)		Benzo(b)fluora...	1.526	1.391	1.311	1.407	1.406	1.404	1.342	1.398	4.83
38)		Benzo(k)fluora...	1.399	1.282	1.266	1.294	1.345	1.258	1.230	1.296	4.44
39)	C	Benzo(a)pyrene	1.288	1.178	1.132	1.201	1.243	1.232	1.200	1.211	4.12
40)		Dibenzo(a,h)an...	1.080	1.022	1.010	1.144	1.195	1.189	1.160	1.114	6.91
41)		Benzo(g,h,i)pe...	1.282	1.165	1.130	1.218	1.250	1.239	1.208	1.213	4.27

(#) = Out of Range