Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN032021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Mar 19 14:40:09 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN013992.D 0.2 =BN013993.D 0.4 =BN013994.D 0.8 =BN013995.D 1.6 =BN013996.D 3.2 =BN013997.D 5 =BN013998.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	0.654	0.554	0.538	0.524	0.505	0.471	0.445	0.527	12.79
3)		n-Nitrosodimet...		0.300	0.315	0.356	0.377	0.382	0.390	0.353	10.68
4)	S	2-Fluorophenol	0.980	0.922	0.979	0.914	0.907	0.874	0.868	0.920	4.89
5)	S	Phenol-d6	1.201	1.141	1.235	1.155	1.165	1.136	1.151	1.169	3.08
6)		bis(2-Chloroet...	1.036	1.023	1.087	1.069	1.053	0.985	0.942	1.028	4.87
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.269	0.242	0.267	0.274	0.262	0.265	0.276	0.265	4.28
9)		Naphthalene	0.997	0.967	1.030	1.013	1.012	0.983	0.956	0.994	2.69
10)		Hexachlorobuta...	0.190	0.184	0.193	0.192	0.187	0.181	0.176	0.186	3.42
11)	SURR	2-Methylnaphth...	0.611	0.596	0.638	0.637	0.636	0.624	0.621	0.623	2.50
12)		2-Methylnaphth...	0.665	0.633	0.686	0.684	0.685	0.668	0.653	0.668	2.92
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.118	0.113	0.126	0.123	0.134	0.142	0.157	0.131	11.77
15)	S	2-Fluorobiphenyl	1.494	1.458	1.560	1.578	1.503	1.452	1.412	1.494	3.99
16)		Acenaphthylene	1.416	1.382	1.490	1.493	1.604	1.635	1.720	1.534	7.99
17)		Acenaphthene	1.105	1.066	1.152	1.136	1.158	1.138	1.129	1.126	2.80
18)		Fluorene	1.379	1.336	1.463	1.444	1.467	1.419	1.431	1.420	3.35
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.039	0.038	0.041	0.044	0.050	0.056		0.045	15.85
21)		4-Bromophenyl-...	0.204	0.194	0.213	0.204	0.209	0.208	0.202	0.205	3.00
22)		Hexachlorobenzene	0.234	0.226	0.245	0.235	0.244	0.236	0.236	0.237	2.61
23)		Atrazine	0.133	0.127	0.136	0.131	0.141	0.150	0.166	0.140	9.65
24)		Pentachlorophenol		0.044	0.049	0.053	0.063	0.072		0.056	20.00
25)		Phenanthrene	1.113	1.052	1.117	1.078	1.110	1.089	1.096	1.094	2.11
26)		Anthracene	0.841	0.816	0.886	0.882	0.935	0.951	0.986	0.900	6.75
27)	SURR	Fluoranthene-d10	1.074	1.041	1.122	1.096	1.143	1.144	1.162	1.112	3.91
28)		Fluoranthene	1.155	1.116	1.218	1.216	1.274	1.272	1.254	1.215	4.93
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.286	1.220	1.275	1.234	1.215	1.188	1.169	1.227	3.48
31)	S	Terphenyl-d14	0.903	0.864	0.922	0.928	0.879	0.840	0.815	0.879	4.84
32)		Benzo(a)anthra...	1.067	1.048	1.174	1.149	1.182	1.187	1.193	1.143	5.26
33)		Chrysene	1.204	1.219	1.284	1.269	1.247	1.218	1.187	1.233	2.87
34)		Bis(2-ethylhex...	0.464	0.414	0.403	0.392	0.394	0.425	0.485	0.425	8.48
35)		Indeno(1,2,3-c...	1.341	1.343	1.386	1.327	1.330	1.327	1.314	1.338	1.72

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.395	1.376	1.480	1.480	1.488	1.471	1.470	1.452	3.16
38)		Benzo(k)fluora...	1.334	1.301	1.482	1.476	1.519	1.492	1.409	1.430	5.91
39)	C	Benzo(a)pyrene	1.176	1.144	1.262	1.258	1.297	1.286	1.286	1.244	4.80
40)		Dibenzo(a,h)an...	1.218	1.230	1.350	1.355	1.395	1.390	1.349	1.327	5.49
41)		Benzo(g,h,i)pe...	1.327	1.315	1.417	1.423	1.434	1.425	1.385	1.390	3.55

(#) = Out of Range