Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN042122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 20 17:50:10 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN019510.D 0.2 =BN019511.D 0.4 =BN019512.D 0.8 =BN019513.D 1.6 =BN019514.D 3.2 =BN019515.D 5.0 =BN019516.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	0.572	0.519	0.553	0.578	0.524	0.485	0.454	0.526	8.66
3)		n-Nitrosodimet...	0.372	0.421	0.473	0.557	0.539	0.532	0.520	0.488	14.16
4)	S	2-Fluorophenol	0.847	0.849	0.842	0.906	0.857	0.855	0.842	0.857	2.64
5)	S	Phenol-d6		0.706	0.830	1.027	1.052	1.114	1.134	0.977	17.54
6)		bis(2-Chloroet...	0.802	0.854	1.011	1.135	1.136	1.142	1.116	1.028	14.08
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.217	0.251	0.253	0.301	0.309	0.336	0.360	0.290	17.73
9)		Naphthalene	1.141	1.143	1.166	1.238	1.166	1.137	1.145	1.162	3.05
10)		Hexachlorobuta...	0.267	0.258	0.261	0.273	0.248	0.239	0.240	0.255	5.11
11)	SURR	2-Methylnaphth...	0.596	0.604	0.641	0.701	0.667	0.664	0.669	0.649	5.84
12)		2-Methylnaphth...	0.696	0.707	0.747	0.822	0.779	0.775	0.775	0.757	5.83
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.138	0.144	0.153	0.183	0.190	0.211	0.232	0.179	19.92
15)	S	2-Fluorobiphenyl	1.362	1.523	1.569	1.759	1.673	1.634	1.641	1.594	7.95
16)		Acenaphthylene	1.493	1.537	1.670	1.925	1.957	2.036	2.120	1.820	13.74
17)		Acenaphthene	1.184	1.209	1.269	1.376	1.294	1.274	1.288	1.271	4.91
18)		Fluorene	1.506	1.523	1.667	1.831	1.739	1.694	1.707	1.667	6.97
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.024	0.027	0.035	0.052	0.062			0.040	40.65
21)		4-Bromophenyl-...	0.204	0.216	0.243	0.265	0.259	0.259	0.269	0.245	10.32
22)		Hexachlorobenzene	0.292	0.296	0.310	0.326	0.306	0.300	0.307	0.305	3.70
23)		Atrazine	0.157	0.156	0.150	0.172	0.174	0.192	0.212	0.173	12.77
24)		Pentachlorophenol	0.058	0.050	0.051	0.065	0.075			0.060	16.95
25)		Phenanthrene	1.152	1.154	1.252	1.359	1.306	1.290	1.327	1.263	6.48
26)		Anthracene	0.792	0.833	0.963	1.098	1.099	1.144	1.216	1.021	15.84
27)	SURR	Fluoranthene-d10	1.074	1.073	1.127	1.223	1.213	1.209	1.266	1.169	6.60
28)		Fluoranthene	1.291	1.327	1.388	1.567	1.526	1.498	1.532	1.447	7.62
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.898	1.849	2.072	2.012	1.837	1.821	1.778	1.895	5.69
31)	S	Terphenyl-d14	0.887	0.890	0.941	0.992	0.882	0.874	0.857	0.903	5.21
32)		Benzo(a)anthra...	1.046	0.942	1.054	1.339	1.384	1.431	1.511	1.244	18.03
33)		Chrysene	1.413	1.522	1.599	1.690	1.593	1.603	1.586	1.572	5.44
34)		Bis(2-ethylhex...	0.795	0.719	0.652	0.680	0.663	0.736	0.878	0.732	11.06
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.229	1.305	1.393	1.670	1.746	1.682	1.793	1.545	14.88
37)		Benzo(b)fluora...	1.290	1.309	1.423	1.643	1.665	1.689	1.754	1.539	12.56
38)		Benzo(k)fluora...	1.293	1.302	1.518	1.869	1.791	1.866	1.862	1.643	16.20
39)	C	Benzo(a)pyrene	1.119	1.221	1.276	1.474	1.449	1.448	1.500	1.355	10.97
40)		Dibenzo(a,h)an...	0.909	0.927	0.983	1.236	1.336	1.297	1.386	1.153	17.87
41)		Benzo(g,h,i)pe...	1.632	1.471	1.485	1.677	1.664	1.554	1.617	1.586	5.26

(#) = Out of Range