Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN081622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 16 09:19:59 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN021238.D 0.2 =BN021239.D 0.4 =BN021240.D 0.8 =BN021241.D 1.6 =BN021242.D 3.2 =BN021243.D 5.0 =BN021244.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	0.675	0.544	0.501	0.591	0.604	0.548	0.444	0.558	13.39
3)		n-Nitrosodimet...		0.173	0.343	0.516	0.607	0.599	0.493	0.455	36.85
4)	S	2-Fluorophenol	1.006	0.882	0.897	1.093	1.172	0.997	0.941	0.998	10.54
5)	S	Phenol-d6	0.887	0.997	1.067	1.244	1.346	1.306	1.305	1.165	15.42
6)		bis(2-Chloroet...	0.712	0.772	0.971	1.019	1.197	1.112	1.099	0.983	18.34
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5		0.233	0.211	0.315	0.326	0.338	0.354	0.296	20.01
9)		Naphthalene	1.253	1.208	1.141	1.272	1.244	1.181	1.169	1.210	4.01
10)		Hexachlorobuta...	0.237	0.225	0.198	0.235	0.218	0.205	0.199	0.217	7.55
11)	SURR	2-Methylnaphth...	0.661	0.650	0.620	0.835	0.772	0.670	0.666	0.696	11.08
12)		2-Methylnaphth...	0.739	0.735	0.732	0.993	0.982	0.822	0.774	0.825	13.98
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.111	0.111	0.103	0.127	0.138	0.173	0.154	0.131	19.59
15)	S	2-Fluorobiphenyl	1.344	1.445	1.509	1.779	1.778	1.694	1.591	1.591	10.58
16)		Acenaphthylene	1.800	1.769	1.651	1.981	2.092	2.082	2.077	1.922	9.35
17)		Acenaphthene	1.309	1.339	1.224	1.390	1.381	1.313	1.289	1.321	4.30
18)		Fluorene	1.608	1.576	1.520	1.769	1.767	1.954	1.566	1.680	9.26
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.021	0.030	0.037	0.048	0.061		0.040	39.33
21)		4-Bromophenyl-...	0.213	0.227	0.205	0.266	0.269	0.245	0.294	0.246	13.24
22)		Hexachlorobenzene	0.288	0.274	0.236	0.299	0.291	0.247	0.302	0.277	9.28
23)		Atrazine	0.155	0.142	0.123	0.157	0.164	0.174	0.191	0.158	13.91
24)		Pentachlorophenol	0.067	0.052	0.048	0.060	0.068	0.079		0.062	18.02
25)		Phenanthrene	1.306	1.290	1.112	1.463	1.440	1.347	1.360	1.331	8.70
26)		Anthracene	1.044	0.993	0.900	1.188	1.216	1.146	1.297	1.112	12.49
27)	SURR	Fluoranthene-d10	1.124	1.081	0.928	0.989	1.210	0.944	1.326	1.086	13.49
28)		Fluoranthene	1.388	1.382	1.160	1.266	1.590	1.190	1.765	1.392	15.77
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.221	2.240	1.925	2.188	2.079	1.885	1.882	2.060	7.81
31)	S	Terphenyl-d14	1.168	1.133	1.013	1.180	1.096	1.039	1.005	1.091	6.68
32)		Benzo(a)anthra...	1.121	1.135	1.141	1.389	1.409	1.387	1.528	1.301	12.71
33)		Chrysene	1.735	1.698	1.463	1.666	1.703	1.507	1.551	1.617	6.69
34)		Bis(2-ethylhex...	1.056	0.933	0.800	0.861	0.798	0.866	0.911	0.889	10.04
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN081622.M

36)		Indeno(1,2,3-c...	1.593	1.652	1.568	1.844	1.840	2.085	1.801	1.769	10.23
37)		Benzo(b)fluora...	1.518	1.599	1.556	1.646	1.803	1.707	1.852	1.669	7.49
38)		Benzo(k)fluora...	1.456	1.623	1.524	1.641	1.876	1.734	1.932	1.684	10.40
39)	C	Benzo(a)pyrene	1.252	1.379	1.307	1.501	1.475	1.362	1.466	1.392	6.71
40)		Dibenzo(a,h)an...	1.209	1.213	1.221	1.442	1.439	1.637	1.416	1.368	11.78
41)		Benzo(g,h,i)pe...	1.508	1.551	1.435	1.643	1.606	1.857	1.531	1.590	8.50

(#) = Out of Range