Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 02 00:35:47 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN026773.D 0.2 =BN026774.D 0.4 =BN026775.D 0.8 =BN026776.D 1.6 =BN026777.D 3.2 =BN026778.D 5.0 =BN026779.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	0.553	0.503	0.484	0.481	0.398	0.428	0.421	0.467	11.61
3)		n-Nitrosodimet...	0.533	0.549	0.564	0.550	0.455	0.499	0.497	0.521	7.46
4)	S	2-Fluorophenol	1.251	1.142	1.021	1.050	0.818	0.894	0.916	1.013	14.88
5)	S	Phenol-d6	1.580	1.435	1.322	1.350	1.062	1.193	1.240	1.312	12.86
6)		bis(2-Chloroet...	1.261	1.243	1.258	1.222	1.022	1.128	1.144	1.183	7.51
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.261	0.235	0.228	0.233	0.198	0.235	0.267	0.237	9.59
9)		Naphthalene	1.137	1.103	1.131	1.129	0.946	1.088	1.165	1.100	6.57
10)		Hexachlorobuta...	0.205	0.206	0.208	0.206	0.173	0.194	0.205	0.199	6.34
11)	SURR	2-Methylnaphth...	0.582	0.568	0.586	0.589	0.493	0.575	0.622	0.574	6.89
12)		2-Methylnaphth...	0.757	0.736	0.766	0.770	0.653	0.759	0.815	0.751	6.57
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.152	0.135	0.123	0.128	0.109	0.139	0.168	0.136	14.41
15)	S	2-Fluorobiphenyl	1.698	1.651	1.670	1.646	1.403	1.613	1.750	1.633	6.76
16)		Acenaphthylene	1.922	1.883	1.993	1.991	1.723	2.078	2.252	1.977	8.33
17)		Acenaphthene	1.225	1.214	1.279	1.266	1.075	1.264	1.360	1.240	7.00
18)		Fluorene	1.562	1.567	1.655	1.654	1.434	1.651	1.781	1.615	6.69
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.007	0.005	0.007	0.007	0.006	0.007	0.007	0.006	10.82
21)		4-Bromophenyl-...	0.239	0.236	0.249	0.245	0.211	0.247	0.266	0.242	6.89
22)		Hexachlorobenzene	0.273	0.273	0.284	0.286	0.243	0.280	0.295	0.276	5.98
23)		Atrazine	0.152	0.150	0.151	0.153	0.136	0.177	0.198	0.160	13.07
24)		Pentachlorophenol	0.069	0.066	0.069	0.071	0.063	0.088		0.071	12.35
25)		Phenanthrene	1.174	1.190	1.242	1.244	1.061	1.246	1.346	1.215	7.18
26)		Anthracene	0.999	0.997	1.078	1.088	0.971	1.176	1.289	1.085	10.52
27)	SURR	Fluoranthene-d10	0.932	0.915	0.962	0.966	0.837	1.009	1.101	0.960	8.51
28)		Fluoranthene	1.248	1.256	1.370	1.383	1.210	1.446	1.555	1.353	9.13
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.767	1.759	1.771	1.795	1.485	1.711	1.812	1.728	6.48
31)	S	Terphenyl-d14	0.977	0.858	0.817	0.842	0.697	0.789	0.859	0.834	10.14
32)		Benzo(a)anthra...	1.350	1.299	1.388	1.395	1.193	1.423	1.567	1.374	8.38
33)		Chrysene	1.539	1.521	1.561	1.575	1.317	1.508	1.608	1.518	6.25
34)		Bis(2-ethylhex...	0.471	0.408	0.492	0.393	0.343	0.481	0.598	0.455	18.26
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.404	1.420	1.572	1.644	1.461	1.848	2.077	1.632	15.31
37)		Benzo(b)fluora...	1.440	1.431	1.532	1.589	1.411	1.725	1.889	1.574	11.28
38)		Benzo(k)fluora...	1.405	1.474	1.593	1.663	1.459	1.771	1.954	1.617	12.13
39)	C	Benzo(a)pyrene	1.272	1.264	1.415	1.456	1.278	1.588	1.774	1.435	13.31
40)		Dibenzo(a,h)an...	1.110	1.099	1.259	1.281	1.134	1.412	1.579	1.268	14.02
41)		Benzo(g,h,i)pe...	1.314	1.364	1.442	1.552	1.327	1.658	1.848	1.501	13.21

(#) = Out of Range