Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN060921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 09 16:35:36 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014847.D 0.2 =BN014848.D 0.4 =BN014849.D 0.8 =BN014850.D 1.6 =BN014851.D 3.2 =BN014852.D 5 =BN014853.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	0.135	0.099	0.107	0.114	0.119	0.126	0.114	0.116	10.22
3)		n-Nitrosodimet...		0.057	0.091	0.114	0.139	0.172	0.166	0.123	36.16
4)	S	2-Fluorophenol	1.121	1.138	1.024	1.089	1.123	1.079	0.985	1.080	5.21
5)	S	Phenol-d6	1.223	1.256	1.198	1.278	1.337	1.310	1.199	1.257	4.32
6)		bis(2-Chloroet...	0.847	0.883	0.900	1.010	1.065	1.022	0.941	0.953	8.52
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.295	0.286	0.284	0.334	0.362	0.378	0.374	0.330	12.71
9)		Naphthalene	1.114	1.121	1.027	1.131	1.143	1.102	1.029	1.095	4.37
10)		Hexachlorobuta...	0.326	0.331	0.302	0.333	0.330	0.317	0.297	0.319	4.50
11)	SURR	2-Methylnaphth...	0.769	0.789	0.696	0.768	0.782	0.755	0.712	0.753	4.69
12)		2-Methylnaphth...	0.769	0.764	0.726	0.806	0.815	0.784	0.734	0.771	4.33
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.142	0.153	0.146	0.189	0.209			0.168	17.64
15)	S	2-Fluorobiphenyl	1.482	1.531	1.399	1.626	1.584	1.518	1.444	1.512	5.19
16)		Acenaphthylene	1.567	1.579	1.475	1.770	1.795	1.778	1.708	1.668	7.57
17)		Acenaphthene	1.125	1.144	1.038	1.169	1.179	1.147	1.097	1.128	4.29
18)		Fluorene	1.428	1.460	1.333	1.537	1.524	1.455	1.368	1.444	5.20
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.008	0.011	0.013	0.022	0.034	0.043	0.049	0.026	64.56
21)		4-Bromophenyl-...	0.266	0.268	0.255	0.299	0.311	0.306	0.288	0.285	7.62
22)		Hexachlorobenzene	0.345	0.330	0.303	0.338	0.330	0.320	0.300	0.324	5.21
23)		Atrazine	0.140	0.134	0.132	0.167	0.200			0.155	18.83
24)		Pentachlorophenol		0.034	0.042	0.061	0.083	0.102	0.115	0.073	44.49
25)		Phenanthrene	1.140	1.117	1.064	1.186	1.193	1.158	1.098	1.136	4.13
26)		Anthracene	0.890	0.912	0.901	1.059	1.121	1.097	1.065	1.006	10.03
27)	SURR	Fluoranthene-d10	1.380	1.401	1.203	1.394	1.461	1.443	1.378	1.380	6.10
28)		Fluoranthene	1.336	1.368	1.322	1.535	1.574	1.513	1.420	1.438	7.11
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.249	1.202	1.119	1.211	1.231	1.190	1.135	1.191	4.02
31)	S	Terphenyl-d14	1.019	0.991	0.920	1.045	1.028	0.984	0.941	0.990	4.64
32)		Benzo(a)anthra...	1.016	1.009	0.997	1.163	1.262	1.272	1.244	1.138	11.16
33)		Chrysene	1.435	1.396	1.241	1.361	1.369	1.302	1.240	1.335	5.68
34)		Bis(2-ethylhex...	0.376	0.332	0.295	0.332	0.421			0.351	13.80
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	0.847	0.941	0.960	1.245	1.436	1.505	1.478	1.202	23.48
37)		Benzo(b)fluora...	1.124	1.196	1.118	1.305	1.430	1.390	1.372	1.276	10.19
38)		Benzo(k)fluora...	1.445	1.491	1.493	1.633	1.629	1.527	1.422	1.520	5.47
39)	C	Benzo(a)pyrene	1.090	1.121	1.096	1.259	1.329	1.313	1.261	1.210	8.62
40)		Dibenzo(a,h)an...	0.575	0.668	0.708	0.945	1.133	1.208	1.201	0.920	29.29
41)		Benzo(g,h,i)pe...	0.961	1.029	1.019	1.199	1.312	1.325	1.292	1.162	13.43

(#) = Out of Range