Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN121121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Dec 11 00:01:30 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN017876.D 0.2 =BN017877.D 0.4 =BN017878.D 0.8 =BN017879.D 1.6 =BN017880.D 3.2 =BN017881.D 5.0 =BN017882.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	0.122	0.115	0.115	0.133	0.129	0.121	0.114	0.121	6.25
3)		n-Nitrosodimet...	0.311	0.322	0.358	0.409	0.398	0.394	0.379	0.367	10.46
4)	S	2-Fluorophenol	0.744	0.716	0.793	0.894	0.891	0.884	0.851	0.825	8.95
5)	S	Phenol-d6	0.620	0.634	0.766	0.893	0.933	0.956	0.931	0.819	17.71
6)		bis(2-Chloroet...	0.925	0.919	1.013	1.136	1.076	1.018	0.941	1.004	8.19
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.188	0.218	0.267	0.284	0.302	0.308	0.261		18.47
9)		Naphthalene	1.003	0.948	0.990	1.084	1.026	0.984	0.929	0.995	5.13
10)		Hexachlorobuta...	0.293	0.275	0.281	0.308	0.289	0.275	0.263	0.283	5.18
11)	SURR	2-Methylnaphth...	0.636	0.639	0.706	0.793	0.754	0.721	0.675	0.703	8.30
12)		2-Methylnaphth...	0.613	0.613	0.673	0.753	0.702	0.661	0.617	0.662	8.00
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.050	0.070	0.109	0.145	0.189	0.209	0.129		49.43
15)	S	2-Fluorobiphenyl	1.233	1.189	1.372	1.604	1.532	1.485	1.438	1.408	10.88
16)		Acenaphthylene	1.210	1.193	1.378	1.685	1.686	1.678	1.625	1.493	15.20
17)		Acenaphthene	0.977	0.956	1.023	1.159	1.090	1.050	1.008	1.038	6.70
18)		Fluorene	1.105	1.082	1.240	1.447	1.394	1.325	1.250	1.263	10.88
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.001	0.000	0.000	0.001	0.003	0.006		0.002	122.19
21)		4-Bromophenyl-...	0.179	0.175	0.210	0.262	0.261	0.263	0.255	0.229	17.49
22)		Hexachlorobenzene	0.301	0.283	0.297	0.331	0.307	0.294	0.278	0.299	5.83
23)		Atrazine	0.112	0.110	0.131	0.166	0.189			0.142	24.28
24)		Pentachlorophenol	0.006	0.004	0.005	0.011	0.020	0.036		0.014	90.74
25)		Phenanthrene	0.909	0.905	0.997	1.159	1.104	1.065	1.014	1.022	9.33
26)		Anthracene	0.642	0.629	0.793	0.982	0.985	0.989	0.945	0.852	19.10
27)	SURR	Fluoranthene-d10	1.166	1.136	1.245	1.461	1.413	1.367	1.288	1.297	9.50
28)		Fluoranthene	1.173	1.130	1.259	1.455	1.350	1.263	1.180	1.258	8.99
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.698	1.573	1.614	1.720	1.549	1.452	1.374	1.569	7.96
31)	S	Terphenyl-d14	0.994	0.951	0.999	1.070	1.004	0.969	0.916	0.986	4.90
32)		Benzo(a)anthra...	0.759	0.804	0.982	1.273	1.243	1.283	1.261	1.086	21.46
33)		Chrysene	1.385	1.267	1.296	1.374	1.368	1.287	1.223	1.314	4.73
34)		Bis(2-ethylhex...	0.422	0.356	0.359	0.468	0.542			0.429	18.21
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN121121.M

36)		Indeno(1,2,3-c...	0.468	0.451	0.549	0.752	0.803		0.605	26.97
37)		Benzo(b)fluora...	1.137	1.040	1.261	1.457	1.471	1.502	1.382	1.321	13.62
38)		Benzo(k)fluora...	1.174	1.086	1.164	1.456	1.438	1.388	1.308	1.288	11.44
39)	C	Benzo(a)pyrene	1.148	1.054	1.097	1.254	1.234	1.239	1.197	1.175	6.57
40)		Dibenzo(a,h)an...	0.315	0.291	0.345	0.487	0.546		0.397	28.43
41)		Benzo(g,h,i)pe...	0.526	0.512	0.561	0.695	0.703	0.725	0.726	0.636	15.31

(#) = Out of Range