Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 12 01:09:50 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN033334.D 0.2 =BN033335.D 0.4 =BN033336.D 0.8 =BN033337.D 1.6 =BN033338.D 3.2 =BN033339.D 5.0 =BN033340.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	0.514	0.479	0.426	0.451	0.425	0.416	0.400	0.444	9.00
3)		n-Nitrosodimet...	0.591	0.536	0.559	0.617	0.592	0.559	0.553	0.572	4.92
4)	S	2-Fluorophenol	1.200	1.136	1.125	1.133	1.102	1.016	1.021	1.105	5.98
5)	S	Phenol-d6	1.592	1.460	1.513	1.524	1.510	1.403	1.443	1.492	4.15
6)		bis(2-Chloroet...	1.244	1.185	1.187	1.281	1.252	1.150	1.161	1.209	4.14
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.309	0.297	0.294	0.310	0.310	0.290	0.301	0.302	2.73
9)		Naphthalene	1.102	1.082	1.072	1.166	1.144	1.072	1.086	1.103	3.37
10)		Hexachlorobuta...	0.215	0.206	0.208	0.224	0.217	0.202	0.201	0.210	3.97
11)	SURR	2-Methylnaphth...	0.614	0.587	0.592	0.649	0.641	0.603	0.623	0.616	3.84
12)		2-Methylnaphth...	0.736	0.706	0.715	0.784	0.783	0.735	0.755	0.745	4.12
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.214	0.197	0.191	0.207	0.208	0.203	0.216	0.205	4.30
15)	S	2-Fluorobiphenyl	1.637	1.596	1.632	1.729	1.700	1.583	1.601	1.640	3.38
16)		Acenaphthylene	1.797	1.711	1.739	1.961	1.982	1.919	1.962	1.867	6.15
17)		Acenaphthene	1.250	1.224	1.218	1.345	1.347	1.283	1.302	1.281	4.16
18)		Fluorene	1.648	1.559	1.615	1.779	1.807	1.689	1.726	1.689	5.27
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.042	0.042	0.042	0.048	0.052	0.055	0.059	0.049	14.34
21)		4-Bromophenyl-...	0.237	0.226	0.228	0.249	0.249	0.244	0.243	0.239	3.96
22)		Hexachlorobenzene	0.264	0.263	0.262	0.282	0.280	0.263	0.265	0.268	3.19
23)		Atrazine	0.186	0.171	0.173	0.190	0.200	0.199	0.210	0.190	7.60
24)		Pentachlorophenol	0.119	0.103	0.092	0.104	0.110	0.110	0.120	0.108	8.81
25)		Phenanthrene	1.132	1.095	1.110	1.195	1.221	1.154	1.181	1.155	4.00
26)		Anthracene	0.952	0.938	0.958	1.055	1.092	1.064	1.102	1.023	6.93
27)	SURR	Fluoranthene-d10	1.035	1.021	1.015	1.097	1.118	1.079	1.120	1.069	4.23
28)		Fluoranthene	1.329	1.330	1.341	1.487	1.510	1.466	1.495	1.422	5.93
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.607	1.534	1.572	1.663	1.680	1.544	1.546	1.592	3.73
31)	S	Terphenyl-d14	0.774	0.729	0.756	0.785	0.784	0.727	0.735	0.756	3.39
32)		Benzo(a)anthra...	1.513	1.417	1.387	1.549	1.568	1.499	1.527	1.494	4.52
33)		Chrysene	1.504	1.475	1.497	1.573	1.556	1.462	1.462	1.504	2.97
34)		Bis(2-ethylhex...	0.774	0.587	0.588	0.634	0.686	0.710	0.775	0.679	11.74
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN081024.M

36)		Indeno(1,2,3-c...	1.470	1.620	1.499	1.709	1.777	1.707	1.788	1.653	7.74
37)		Benzo(b)fluora...	1.395	1.396	1.420	1.591	1.609	1.533	1.593	1.505	6.53
38)		Benzo(k)fluora...	1.404	1.380	1.487	1.637	1.668	1.577	1.605	1.537	7.42
39)	C	Benzo(a)pyrene	1.198	1.156	1.155	1.318	1.363	1.316	1.369	1.268	7.50
40)		Dibenzo(a,h)an...	1.127	1.265	1.179	1.366	1.413	1.363	1.422	1.305	8.95
41)		Benzo(g,h,i)pe...	1.303	1.486	1.329	1.500	1.533	1.459	1.522	1.448	6.45

(#) = Out of Range