Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN050924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri May 10 02:12:24 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN031446.D 0.2 =BN031447.D 0.4 =BN031448.D 0.8 =BN031449.D 1.6 =BN031450.D 3.2 =BN031451.D 5.0 =BN031452.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	0.517	0.538	0.461	0.466	0.506	0.488	0.470	0.492	5.90
3)		n-Nitrosodimet...	0.503	0.499	0.453	0.459	0.512	0.493	0.483	0.486	4.63
4)	S	2-Fluorophenol	1.153	1.181	1.120	1.102	1.178	1.129	1.089	1.136	3.17
5)	S	Phenol-d6	1.513	1.585	1.493	1.492	1.603	1.537	1.495	1.531	3.00
6)		bis(2-Chloroet...	1.342	1.343	1.298	1.314	1.407	1.334	1.296	1.333	2.85
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.282	0.298	0.272	0.274	0.296	0.293	0.295	0.287	3.84
9)		Naphthalene	1.116	1.130	1.074	1.086	1.159	1.118	1.097	1.112	2.58
10)		Hexachlorobuta...	0.200	0.199	0.190	0.190	0.201	0.194	0.189	0.195	2.78
11)	SURR	2-Methylnaphth...	0.632	0.658	0.628	0.637	0.676	0.648	0.633	0.645	2.71
12)		2-Methylnaphth...	0.763	0.781	0.738	0.748	0.790	0.757	0.730	0.758	2.88
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.151	0.150	0.142	0.144	0.160	0.157	0.159	0.152	4.77
15)	S	2-Fluorobiphenyl	1.519	1.570	1.486	1.521	1.619	1.554	1.526	1.542	2.81
16)		Acenaphthylene	1.976	2.053	1.936	1.956	2.104	2.048	2.016	2.013	2.99
17)		Acenaphthene	1.204	1.264	1.202	1.231	1.325	1.280	1.278	1.255	3.58
18)		Fluorene	1.582	1.680	1.570	1.617	1.737	1.671	1.634	1.642	3.59
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.026	0.029	0.028	0.030	0.035	0.039	0.042	0.033	18.84
21)		4-Bromophenyl-...	0.237	0.237	0.226	0.228	0.246	0.236	0.231	0.234	2.83
22)		Hexachlorobenzene	0.236	0.237	0.227	0.228	0.246	0.243	0.237	0.236	2.97
23)		Atrazine	0.214	0.217	0.203	0.207	0.223	0.217	0.206	0.213	3.39
24)		Pentachlorophenol	0.065	0.069	0.075	0.080	0.094	0.099	0.102	0.083	18.01
25)		Phenanthrene	1.118	1.126	1.091	1.093	1.167	1.139	1.103	1.119	2.45
26)		Anthracene	1.112	1.126	1.060	1.075	1.156	1.130	1.097	1.108	2.99
27)	SURR	Fluoranthene-d10	1.095	1.119	1.075	1.102	1.152	1.135	1.090	1.110	2.43
28)		Fluoranthene	1.404	1.383	1.325	1.335	1.412	1.366	1.295	1.360	3.19
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.636	1.594	1.566	1.612	1.694	1.629	1.605	1.619	2.47
31)	S	Terphenyl-d14	1.059	0.972	0.935	0.976	1.009	0.963	0.936	0.979	4.45
32)		Benzo(a)anthra...	1.555	1.499	1.492	1.511	1.629	1.572	1.546	1.543	3.13
33)		Chrysene	1.481	1.437	1.421	1.446	1.536	1.500	1.465	1.469	2.71
34)		Bis(2-ethylhex...	1.011	0.868	0.857	0.819	0.907	0.919	0.944	0.903	7.01
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN050924.M

36)		Indeno(1,2,3-c...	1.607	1.567	1.535	1.565	1.662	1.623	1.599	1.594	2.66
37)		Benzo(b)fluora...	1.445	1.422	1.352	1.392	1.509	1.474	1.453	1.436	3.63
38)		Benzo(k)fluora...	1.376	1.338	1.291	1.351	1.439	1.371	1.348	1.359	3.29
39)	C	Benzo(a)pyrene	1.262	1.224	1.177	1.219	1.311	1.279	1.267	1.248	3.56
40)		Dibenzo(a,h)an...	1.273	1.252	1.228	1.249	1.316	1.277	1.249	1.264	2.25
41)		Benzo(g,h,i)pe...	1.373	1.339	1.314	1.333	1.414	1.382	1.359	1.359	2.48

(#) = Out of Range