Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN012722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 28 03:03:43 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN018484.D 0.2 =BN018485.D 0.4 =BN018486.D 0.8 =BN018487.D 1.6 =BN018488.D 3.2 =BN018489.D 5 =BN018490.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	0.278	0.274	0.281	0.324	0.291	0.277	0.268	0.285	6.50
3)		n-Nitrosodimet...	0.409	0.390	0.397	0.459	0.431	0.412	0.402	0.414	5.69
4)	S	2-Fluorophenol	1.006	0.989	0.977	1.103	1.044	1.008	0.987	1.016	4.33
5)	S	Phenol-d6	1.067	1.061	1.050	1.207	1.163	1.136	1.113	1.114	5.27
6)		bis(2-Chloroet...	1.181	1.202	1.176	1.326	1.211	1.118	1.048	1.180	7.25
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.247	0.254	0.238	0.289	0.291	0.302	0.315	0.276	10.80
9)		Naphthalene	1.028	1.039	1.019	1.154	1.067	1.018	1.006	1.047	4.87
10)		Hexachlorobuta...	0.209	0.211	0.207	0.235	0.217	0.209	0.208	0.214	4.63
11)	SURR	2-Methylnaphth...	0.616	0.622	0.624	0.718	0.669	0.640	0.628	0.646	5.68
12)		2-Methylnaphth...	0.702	0.703	0.692	0.784	0.719	0.672	0.657	0.704	5.80
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.103	0.107	0.121	0.164	0.178	0.193		0.145	26.83
15)	S	2-Fluorobiphenyl	1.585	1.652	1.556	1.693	1.584	1.519	1.515	1.586	4.16
16)		Acenaphthylene	1.408	1.451	1.562	1.876	1.836	1.820	1.832	1.684	12.04
17)		Acenaphthene	1.054	1.087	1.088	1.234	1.163	1.124	1.129	1.125	5.29
18)		Fluorene	1.264	1.303	1.353	1.542	1.468	1.378	1.354	1.380	6.93
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.013	0.012	0.018	0.031	0.043	0.056		0.029	61.85
21)		4-Bromophenyl-...	0.212	0.217	0.228	0.270	0.258	0.256	0.258	0.243	9.51
22)		Hexachlorobenzene	0.259	0.266	0.263	0.298	0.277	0.269	0.266	0.271	4.77
23)		Atrazine	0.125	0.127	0.131	0.171	0.183			0.147	18.53
24)		Pentachlorophenol		0.036	0.047	0.070	0.087	0.108	0.126	0.079	44.17
25)		Phenanthrene	1.114	1.108	1.143	1.299	1.218	1.160	1.148	1.170	5.76
26)		Anthracene	0.821	0.842	0.918	1.122	1.102	1.081	1.069	0.993	13.00
27)	SURR	Fluoranthene-d10	1.089	1.096	1.126	1.307	1.247	1.200	1.176	1.177	6.88
28)		Fluoranthene	1.213	1.239	1.281	1.463	1.351	1.257	1.221	1.289	6.94
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.262	1.323	1.301	1.493	1.409	1.385	1.418	1.370	5.80
31)	S	Terphenyl-d14	0.958	1.007	0.975	1.129	1.026	1.003	1.017	1.016	5.41
32)		Benzo(a)anthra...	1.235	1.204	1.219	1.451	1.405	1.387	1.405	1.329	7.91
33)		Chrysene	1.305	1.322	1.303	1.500	1.363	1.314	1.324	1.347	5.23
34)		Bis(2-ethylhex...	0.542	0.433	0.456	0.592	0.669			0.538	18.04
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN012722.M

36)		Indeno(1,2,3-c...	1.228	1.284	1.323	1.623	1.551	1.527	1.533	1.439	10.80
37)		Benzo(b)fluora...	1.240	1.290	1.329	1.567	1.443	1.380	1.390	1.377	7.81
38)		Benzo(k)fluora...	1.263	1.323	1.308	1.549	1.469	1.386	1.336	1.376	7.29
39)	C	Benzo(a)pyrene	0.988	0.975	1.004	1.224	1.191	1.163	1.170	1.102	9.79
40)		Dibenzo(a,h)an...	0.931	0.988	1.025	1.271	1.214	1.204	1.218	1.122	12.10
41)		Benzo(g,h,i)pe...	1.087	1.130	1.163	1.409	1.338	1.313	1.321	1.252	9.80

(#) = Out of Range