Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN040721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 06 16:07:07 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014217.D 0.2 =BN014218.D 0.4 =BN014219.D 0.8 =BN014220.D 1.6 =BN014221.D 3.2 =BN014222.D 5 =BN014223.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	0.528	0.523	0.466	0.483	0.479	0.449	0.422	0.479	7.95
3)		n-Nitrosodimet...		0.282	0.384	0.397	0.433	0.428	0.418	0.390	14.40
4)	S	2-Fluorophenol	0.955	0.926	1.020	0.983	0.959	0.917	0.888	0.950	4.62
5)	S	Phenol-d6	1.197	1.180	1.316	1.281	1.273	1.240	1.221	1.244	3.92
6)		bis(2-Chloroet...	1.069	1.061	1.166	1.116	1.103	1.035	0.979	1.076	5.60
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.250	0.241	0.276	0.292	0.285	0.291	0.298	0.276	8.04
9)		Naphthalene	0.990	0.966	1.047	1.019	1.015	0.982	0.954	0.996	3.28
10)		Hexachlorobuta...	0.187	0.181	0.196	0.189	0.186	0.180	0.172	0.184	4.00
11)	SURR	2-Methylnaphth...	0.630	0.621	0.683	0.663	0.670	0.657	0.636	0.652	3.49
12)		2-Methylnaphth...	0.674	0.660	0.732	0.716	0.722	0.698	0.671	0.696	4.06
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.113	0.114	0.136	0.150	0.163	0.175	0.189	0.149	19.87
15)	S	2-Fluorobiphenyl	1.442	1.435	1.508	1.554	1.443	1.399	1.389	1.453	4.05
16)		Acenaphthylene	1.396	1.401	1.552	1.605	1.686	1.730	1.754	1.589	9.29
17)		Acenaphthene	1.089	1.064	1.148	1.145	1.159	1.133	1.142	1.126	3.14
18)		Fluorene	1.363	1.357	1.485	1.475	1.501	1.433	1.421	1.433	4.02
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.035	0.039	0.046	0.053	0.063	0.074	0.084	0.056	32.44
21)		4-Bromophenyl-...	0.198	0.197	0.218	0.215	0.220	0.219	0.218	0.212	4.78
22)		Hexachlorobenzene	0.223	0.214	0.239	0.232	0.236	0.229	0.227	0.228	3.71
23)		Atrazine	0.128	0.128	0.147	0.154	0.167	0.181	0.192	0.157	15.92
24)		Pentachlorophenol		0.033	0.045	0.059	0.073	0.084		0.058	35.14
25)		Phenanthrene	1.048	1.031	1.139	1.110	1.115	1.104	1.084	1.090	3.53
26)		Anthracene	0.819	0.816	0.943	0.935	0.987	1.012	1.001	0.930	8.83
27)	SURR	Fluoranthene-d10	1.080	1.064	1.181	1.145	1.194	1.191	1.165	1.146	4.64
28)		Fluoranthene	1.143	1.135	1.310	1.281	1.322	1.289	1.231	1.244	6.21
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.180	1.156	1.298	1.243	1.217	1.194	1.189	1.211	3.90
31)	S	Terphenyl-d14	0.870	0.860	0.947	0.948	0.884	0.842	0.834	0.884	5.27
32)		Benzo(a)anthra...	1.027	1.007	1.183	1.154	1.183	1.200	1.201	1.137	7.33
33)		Chrysene	1.243	1.230	1.366	1.261	1.268	1.203	1.172	1.249	4.92
34)		Bis(2-ethylhex...	0.369	0.328	0.358	0.344	0.397	0.441	0.510	0.392	16.27
35)		Indeno(1,2,3-c...	1.408	1.377	1.599	1.217	1.340	1.270	1.170	1.340	10.64

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN040721.M

36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.322	1.305	1.424	1.426	1.466	1.440	1.415	1.400	4.38
38)		Benzo(k)fluora...	1.314	1.292	1.472	1.464	1.428	1.396	1.369	1.391	5.04
39)	C	Benzo(a)pyrene	1.171	1.160	1.312	1.254	1.294	1.279	1.258	1.247	4.73
40)		Dibenzo(a,h)an...	1.151	1.136	1.334	1.174	1.277	1.247	1.173	1.213	6.09
41)		Benzo(g,h,i)pe...	1.204	1.163	1.349	1.193	1.277	1.254	1.185	1.232	5.28

(#) = Out of Range