Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN040921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 09 15:06:44 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014247.D 0.2 =BN014248.D 0.4 =BN014249.D 0.8 =BN014250.D 1.6 =BN014251.D 3.2 =BN014252.D 5 =BN014253.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	0.694	0.524	0.517	0.496	0.478	0.440	0.422	0.510	17.53
3)		n-Nitrosodimet...		0.173	0.230	0.223	0.251	0.275	0.277	0.238	16.31
4)	S	2-Fluorophenol	1.091	0.964	1.034	0.931	0.915	0.883	0.855	0.953	8.79
5)	S	Phenol-d6	1.304	1.180	1.273	1.156	1.147	1.151	1.119	1.190	5.91
6)		bis(2-Chloroet...	1.029	0.953	1.044	0.974	0.958	0.923	0.878	0.966	5.96
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.265	0.234	0.263	0.260	0.247	0.252	0.258	0.254	4.19
9)		Naphthalene	0.998	0.963	1.062	1.015	1.004	0.971	0.955	0.995	3.72
10)		Hexachlorobuta...	0.200	0.198	0.212	0.202	0.201	0.190	0.187	0.199	4.12
11)	SURR	2-Methylnaphth...	0.595	0.595	0.658	0.632	0.639	0.626	0.620	0.624	3.70
12)		2-Methylnaphth...	0.657	0.629	0.703	0.677	0.684	0.663	0.652	0.666	3.60
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.155	0.143	0.162	0.147	0.154	0.168	0.164	0.156	5.90
15)	S	2-Fluorobiphenyl	1.402	1.403	1.515	1.562	1.520	1.445	1.425	1.467	4.37
16)		Acenaphthylene	1.433	1.370	1.534	1.504	1.577	1.651	1.685	1.536	7.34
17)		Acenaphthene	1.097	1.066	1.163	1.132	1.154	1.139	1.124	1.125	3.00
18)		Fluorene	1.402	1.340	1.494	1.432	1.458	1.448	1.422	1.428	3.40
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.042	0.041	0.046	0.044	0.048	0.053	0.057	0.047	12.46
21)		4-Bromophenyl-...	0.194	0.197	0.219	0.208	0.209	0.206	0.200	0.205	4.16
22)		Hexachlorobenzene	0.249	0.251	0.276	0.267	0.266	0.262	0.256	0.261	3.66
23)		Atrazine	0.156	0.140	0.152	0.141	0.147	0.164	0.171	0.153	7.43
24)		Pentachlorophenol		0.067	0.078	0.075	0.078	0.090	0.092	0.080	11.96
25)		Phenanthrene	1.148	1.056	1.172	1.108	1.100	1.092	1.070	1.107	3.70
26)		Anthracene	0.870	0.841	0.957	0.897	0.921	0.960	0.970	0.917	5.40
27)	SURR	Fluoranthene-d10	1.150	1.116	1.234	1.150	1.158	1.165	1.151	1.160	3.08
28)		Fluoranthene	1.292	1.201	1.341	1.262	1.275	1.271	1.241	1.269	3.40
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.402	1.241	1.374	1.226	1.209	1.183	1.186	1.260	7.13
31)	S	Terphenyl-d14	0.893	0.866	0.976	0.918	0.872	0.833	0.829	0.884	5.81
32)		Benzo(a)anthra...	1.093	1.042	1.219	1.120	1.142	1.162	1.205	1.140	5.45
33)		Chrysene	1.200	1.172	1.362	1.246	1.252	1.218	1.200	1.236	5.03
34)		Bis(2-ethylhex...	0.594	0.364	0.386	0.333	0.357	0.387	0.442	0.409	21.63
35)		Indeno(1,2,3-c...	1.460	1.474	1.484	1.507	1.429	1.432	1.410	1.457	2.36

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.343	1.264	1.549	1.430	1.471	1.452	1.449	1.423	6.51
38)		Benzo(k)fluora...	1.345	1.361	1.490	1.433	1.482	1.434	1.422	1.424	3.86
39)	C	Benzo(a)pyrene	1.121	1.082	1.233	1.187	1.249	1.258	1.271	1.200	6.11
40)		Dibenzo(a,h)an...	1.278	1.280	1.417	1.438	1.434	1.416	1.401	1.381	5.10
41)		Benzo(g,h,i)pe...	1.311	1.260	1.486	1.454	1.445	1.425	1.423	1.401	5.91

(#) = Out of Range