Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN030322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 03 00:44:34 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN018794.D 0.2 =BN018795.D 0.4 =BN018796.D 0.8 =BN018797.D 1.6 =BN018798.D 3.2 =BN018799.D 5.0 =BN018800.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	0.439	0.427	0.451	0.498	0.468	0.433	0.415	0.447	6.28
3)		n-Nitrosodimet...	0.430	0.415	0.452	0.525	0.511	0.490	0.482	0.472	8.69
4)	S	2-Fluorophenol	0.850	0.863	0.844	0.928	0.892	0.875	0.870	0.875	3.25
5)	S	Phenol-d6	0.984	0.989	0.974	1.104	1.082	1.102	1.113	1.050	6.09
6)		bis(2-Chloroet...	1.079	1.114	1.113	1.257	1.171	1.119	1.077	1.133	5.56
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.246	0.275	0.259	0.306	0.300	0.317	0.339	0.292	11.30
9)		Naphthalene	1.118	1.112	1.106	1.249	1.162	1.135	1.142	1.146	4.30
10)		Hexachlorobuta...	0.257	0.258	0.258	0.285	0.262	0.253	0.254	0.261	4.25
11)	SURR	2-Methylnaphth...	0.606	0.623	0.625	0.713	0.667	0.663	0.665	0.652	5.55
12)		2-Methylnaphth...	0.722	0.739	0.745	0.909	0.837	0.821	0.817	0.798	8.39
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.145	0.152	0.154	0.186	0.192	0.221	0.240	0.184	19.77
15)	S	2-Fluorobiphenyl	1.677	1.740	1.676	1.850	1.720	1.664	1.677	1.715	3.82
16)		Acenaphthylene	1.587	1.601	1.657	1.908	1.919	2.001	2.100	1.825	11.35
17)		Acenaphthene	1.216	1.220	1.230	1.404	1.323	1.317	1.354	1.295	5.69
18)		Fluorene	1.579	1.580	1.612	1.833	1.743	1.717	1.723	1.684	5.70
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.036	0.038	0.046	0.057	0.068			0.049	27.29
21)		4-Bromophenyl-...	0.234	0.240	0.252	0.289	0.281	0.282	0.288	0.267	8.96
22)		Hexachlorobenzene	0.323	0.317	0.321	0.360	0.340	0.333	0.332	0.332	4.39
23)		Atrazine	0.130	0.135	0.135	0.156	0.162	0.183	0.201	0.157	17.19
24)		Pentachlorophenol		0.055	0.061	0.080	0.090	0.114		0.080	29.46
25)		Phenanthrene	1.227	1.252	1.277	1.456	1.368	1.363	1.356	1.328	6.03
26)		Anthracene	0.969	0.986	1.014	1.193	1.179	1.230	1.261	1.119	11.11
27)	SURR	Fluoranthene-d10	1.103	1.123	1.094	1.276	1.189	1.228	1.231	1.178	6.07
28)		Fluoranthene	1.370	1.426	1.407	1.675	1.561	1.579	1.548	1.510	7.32
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.719	1.660	1.725	1.891	1.884	1.796	1.826	1.786	4.92
31)	S	Terphenyl-d14	0.831	0.798	0.812	0.942	0.893	0.848	0.859	0.855	5.81
32)		Benzo(a)anthra...	1.355	1.362	1.409	1.599	1.551	1.599	1.640	1.502	8.15
33)		Chrysene	1.646	1.635	1.594	1.823	1.656	1.602	1.600	1.651	4.84
34)		Bis(2-ethylhex...	0.614	0.589	2.524	0.624	0.601	0.713	0.832	0.928	76.35
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.645	1.753	1.657	1.997	1.846	1.828	1.860	1.798	6.88
37)		Benzo(b)fluora...	1.756	1.689	1.773	2.050	1.918	1.902	1.947	1.862	6.81
38)		Benzo(k)fluora...	1.576	1.650	1.766	2.031	1.961	1.961	1.917	1.837	9.50
39)	C	Benzo(a)pyrene	1.276	1.322	1.349	1.552	1.485	1.497	1.535	1.431	7.84
40)		Dibenzo(a,h)an...	1.223	1.317	1.268	1.542	1.429	1.426	1.439	1.378	8.13
41)		Benzo(g,h,i)pe...	1.435	1.457	1.375	1.616	1.500	1.476	1.503	1.480	5.01

(#) = Out of Range