Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN032522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Mar 25 19:03:12 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN019156.D 0.2 =BN019157.D 0.4 =BN019158.D 0.8 =BN019159.D 1.6 =BN019160.D 3.2 =BN019161.D 5.0 =BN019162.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	0.615	0.601	0.498	0.565	0.527	0.475	0.446	0.533	11.98
3)		n-Nitrosodimet...	0.748	0.592	0.553	0.626	0.587	0.546	0.514	0.595	12.88
4)	S	2-Fluorophenol	1.044	1.006	0.901	1.018	0.927	0.878	0.841	0.945	8.25
5)	S	Phenol-d6	1.170	1.057	0.962	1.147	1.086	1.083	1.068	1.082	6.21
6)		bis(2-Chloroet...	1.214	1.172	1.094	1.284	1.187	1.143	1.084	1.168	5.96
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.312	0.309	0.261	0.327	0.310	0.317	0.335	0.310	7.59
9)		Naphthalene	1.100	1.104	1.022	1.238	1.164	1.126	1.132	1.126	5.83
10)		Hexachlorobuta...	0.251	0.256	0.234	0.278	0.258	0.247	0.245	0.253	5.41
11)	SURR	2-Methylnaphth...	0.632	0.614	0.578	0.699	0.659	0.648	0.652	0.640	5.92
12)		2-Methylnaphth...	0.706	0.717	0.673	0.806	0.772	0.753	0.755	0.740	6.02
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.191	0.179	0.172	0.199	0.198	0.204	0.218	0.194	7.97
15)	S	2-Fluorobiphenyl	1.690	1.695	1.532	1.799	1.703	1.666	1.682	1.681	4.68
16)		Acenaphthylene	1.595	1.639	1.610	1.926	1.921	2.004	2.089	1.826	11.30
17)		Acenaphthene	1.183	1.245	1.194	1.394	1.352	1.331	1.356	1.294	6.58
18)		Fluorene	1.610	1.546	1.512	1.771	1.721	1.675	1.687	1.646	5.71
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.055	0.054	0.056	0.069	0.072	0.085		0.065	19.11
21)		4-Bromophenyl-...	0.250	0.247	0.235	0.281	0.264	0.264	0.277	0.260	6.35
22)		Hexachlorobenzene	0.288	0.306	0.287	0.332	0.316	0.307	0.316	0.307	5.18
23)		Atrazine	0.176	0.181	0.161	0.183	0.178	0.183	0.200	0.180	6.44
24)		Pentachlorophenol	0.121	0.093	0.095	0.108	0.107	0.116	0.130	0.110	12.35
25)		Phenanthrene	1.276	1.218	1.167	1.367	1.316	1.299	1.339	1.283	5.46
26)		Anthracene	0.987	0.955	0.935	1.119	1.106	1.138	1.209	1.064	9.84
27)	SURR	Fluoranthene-d10	1.097	1.109	1.060	1.260	1.216	1.198	1.251	1.170	6.88
28)		Fluoranthene	1.319	1.344	1.324	1.578	1.535	1.504	1.545	1.450	7.97
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.935	1.945	1.813	2.024	1.912	1.812	1.791	1.890	4.60
31)	S	Terphenyl-d14	0.951	0.926	0.830	0.968	0.889	0.848	0.839	0.893	6.29
32)		Benzo(a)anthra...	1.222	1.181	1.094	1.310	1.332	1.393	1.460	1.285	9.86
33)		Chrysene	1.592	1.578	1.563	1.854	1.694	1.628	1.623	1.647	6.10
34)		Bis(2-ethylhex...		0.930	0.713	0.782	0.720	0.745	0.805	0.783	10.28
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.454	1.464	1.411	1.675	1.645	1.725	1.820	1.599	9.79
37)		Benzo(b)fluora...	1.437	1.349	1.302	1.641	1.569	1.624	1.711	1.519	10.34
38)		Benzo(k)fluora...	1.728	1.629	1.791	2.116	2.119	2.055	2.056	1.928	10.65
39)	C	Benzo(a)pyrene	1.106	1.150	1.149	1.419	1.403	1.410	1.473	1.302	12.13
40)		Dibenzo(a,h)an...	1.054	1.062	0.989	1.222	1.283	1.373	1.447	1.204	14.51
41)		Benzo(g,h,i)pe...	1.394	1.476	1.532	1.864	1.754	1.705	1.797	1.646	10.84

(#) = Out of Range