Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN012224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jan 23 02:16:14 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN029331.D 0.2 =BN029332.D 0.4 =BN029333.D 0.8 =BN029334.D 1.6 =BN029335.D 3.2 =BN029336.D 5.0 =BN029337.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	0.553	0.499	0.494	0.531	0.552	0.523	0.486	0.520	5.26
3)		n-Nitrosodimet...	0.452	0.464	0.477	0.555	0.597	0.596	0.549	0.527	11.75
4)	S	2-Fluorophenol	1.139	1.052	0.982	1.076	1.101	1.075	1.009	1.062	5.05
5)	S	Phenol-d6	1.549	1.394	1.319	1.407	1.466	1.437	1.364	1.419	5.23
6)		bis(2-Chloroet...	1.353	1.290	1.240	1.342	1.376	1.340	1.232	1.310	4.36
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.479	0.432	0.386	0.425	0.431	0.419	0.395	0.424	7.13
9)		Naphthalene	1.341	1.284	1.182	1.327	1.344	1.310	1.210	1.286	5.05
10)		Hexachlorobuta...	0.272	0.276	0.258	0.287	0.288	0.270	0.243	0.271	5.82
11)	SURR	2-Methylnaphth...	0.633	0.631	0.611	0.684	0.715	0.703	0.659	0.662	5.93
12)		2-Methylnaphth...	0.844	0.812	0.766	0.860	0.889	0.872	0.810	0.836	5.10
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.243	0.206	0.180	0.194	0.210	0.218	0.208	0.208	9.45
15)	S	2-Fluorobiphenyl	2.071	1.968	1.781	1.977	2.019	1.905	1.763	1.926	6.07
16)		Acenaphthylene	2.043	1.985	1.910	2.163	2.316	2.305	2.208	2.133	7.40
17)		Acenaphthene	1.501	1.405	1.295	1.454	1.523	1.480	1.379	1.434	5.57
18)		Fluorene	2.017	1.916	1.776	1.971	2.069	2.004	1.861	1.945	5.18
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.067	0.062	0.065	0.073	0.080	0.087	0.082	0.074	12.90
21)		4-Bromophenyl-...	0.305	0.294	0.268	0.293	0.301	0.302	0.280	0.292	4.53
22)		Hexachlorobenzene	0.367	0.365	0.336	0.370	0.375	0.366	0.344	0.360	3.97
23)		Atrazine	0.196	0.198	0.188	0.212	0.234	0.239	0.229	0.214	9.53
24)		Pentachlorophenol	0.094	0.098	0.103	0.120	0.135	0.148	0.147	0.121	18.95
25)		Phenanthrene	1.431	1.368	1.254	1.368	1.418	1.423	1.339	1.372	4.54
26)		Anthracene	1.191	1.140	1.065	1.194	1.291	1.338	1.275	1.213	7.78
27)	SURR	Fluoranthene-d10	1.110	1.102	1.070	1.192	1.286	1.310	1.228	1.185	7.96
28)		Fluoranthene	1.582	1.530	1.482	1.654	1.786	1.805	1.663	1.643	7.43
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.973	1.846	1.700	1.817	1.890	1.815	1.728	1.824	5.10
31)	S	Terphenyl-d14	1.147	1.045	0.946	1.028	1.054	1.009	0.949	1.025	6.71
32)		Benzo(a)anthra...	1.646	1.580	1.482	1.667	1.824	1.797	1.676	1.668	7.10
33)		Chrysene	1.753	1.691	1.595	1.757	1.852	1.758	1.630	1.719	5.08
34)		Bis(2-ethylhex...	1.280	0.866	0.763	0.803	0.864	0.949	0.909	0.919	18.55
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.504	1.504	1.504	1.724	1.937	1.915	1.877	1.709	11.92
37)		Benzo(b)fluora...	1.732	1.644	1.572	1.752	1.794	1.736	1.692	1.703	4.37
38)		Benzo(k)fluora...	1.612	1.568	1.537	1.765	1.787	1.759	1.677	1.672	6.08
39)	C	Benzo(a)pyrene	1.249	1.218	1.179	1.363	1.460	1.468	1.447	1.340	9.24
40)		Dibenzo(a,h)an...	1.191	1.198	1.225	1.413	1.583	1.551	1.511	1.382	12.58
41)		Benzo(g,h,i)pe...	1.377	1.348	1.328	1.486	1.652	1.607	1.573	1.482	8.96

(#) = Out of Range