Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN112522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Nov 25 22:56:22 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN022860.D 0.2 =BN022861.D 0.4 =BN022862.D 0.8 =BN022863.D 1.6 =BN022864.D 3.2 =BN022865.D 5.0 =BN022866.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	0.581	0.544	0.522	0.498	0.492	0.469	0.447	0.508	8.98
3)		n-Nitrosodimet...	0.614	0.545	0.561	0.530	0.542	0.528	0.510	0.547	6.09
4)	S	2-Fluorophenol	1.168	1.088	1.067	1.002	1.015	0.979	0.957	1.039	7.06
5)	S	Phenol-d6	1.475	1.363	1.333	1.260	1.313	1.278	1.245	1.324	5.92
6)		bis(2-Chloroet...	1.320	1.273	1.300	1.243	1.249	1.192	1.126	1.243	5.33
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.314	0.301	0.307	0.293	0.310	0.318	0.331	0.311	3.95
9)		Naphthalene	1.238	1.222	1.263	1.197	1.241	1.230	1.232	1.232	1.62
10)		Hexachlorobuta...	0.253	0.258	0.262	0.247	0.255	0.249	0.246	0.253	2.36
11)	SURR	2-Methylnaphth...	0.739	0.706	0.853	0.726	1.031	1.055	0.964	0.868	17.25
12)		2-Methylnaphth...	0.236	0.222	0.237	0.232	0.257	0.280	0.296	0.251	10.96
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.199	0.175	0.191	0.173	0.189	0.205	0.219	0.193	8.47
15)	S	2-Fluorobiphenyl	1.859	1.828	1.929	1.765	1.819	1.809	1.800	1.830	2.86
16)		Acenaphthylene	2.000	1.991	2.112	2.015	2.163	2.252	2.291	2.118	5.81
17)		Acenaphthene	1.370	1.330	1.449	1.344	1.401	1.428	1.431	1.393	3.31
18)		Fluorene	1.732	1.654	1.879	1.733	1.858	1.803	1.834	1.785	4.54
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.039	0.039	0.042	0.040	0.045	0.051	0.056	0.045	14.72
21)		4-Bromophenyl-...	0.288	0.278	0.295	0.277	0.290	0.297	0.297	0.289	2.97
22)		Hexachlorobenzene	0.341	0.343	0.368	0.342	0.359	0.357	0.358	0.352	3.01
23)		Atrazine	0.197	0.175	0.199	0.185	0.207	0.228	0.234	0.204	10.56
24)		Pentachlorophenol		0.073	0.087	0.086	0.097	0.113	0.124	0.096	19.52
25)		Phenanthrene	1.380	1.330	1.436	1.333	1.407	1.426	1.424	1.391	3.19
26)		Anthracene	1.126	1.108	1.210	1.154	1.247	1.298	1.307	1.207	6.69
27)	SURR	Fluoranthene-d10	1.064	0.969	1.098	1.048	1.121	1.153	1.152	1.087	6.05
28)		Fluoranthene	1.435	1.315	1.515	1.457	1.555	1.559	1.518	1.479	5.79
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.996	2.123	2.176	1.999	2.127	2.084	2.072	2.082	3.21
31)	S	Terphenyl-d14	0.958	0.958	1.018	0.895	0.896	0.922	0.932	0.940	4.58
32)		Benzo(a)anthra...	1.615	1.526	1.637	1.530	1.626	1.686	1.695	1.616	4.16
33)		Chrysene	1.700	1.673	1.762	1.634	1.684	1.642	1.639	1.676	2.70
34)		Bis(2-ethylhex...	0.793	0.549	0.578	0.538	0.604	0.716	0.767	0.649	16.47
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.499	1.598	1.662	1.603	1.657	1.783	1.815	1.660	6.61
37)		Benzo(b)fluora...	1.703	1.680	1.807	1.770	1.784	1.886	1.868	1.786	4.31
38)		Benzo(k)fluora...	1.845	1.801	2.029	1.901	1.961	2.021	1.979	1.934	4.52
39)	C	Benzo(a)pyrene	1.284	1.256	1.360	1.330	1.367	1.464	1.478	1.363	6.17
40)		Dibenzo(a,h)an...	1.165	1.259	1.325	1.282	1.332	1.422	1.442	1.318	7.24
41)		Benzo(g,h,i)pe...	1.337	1.439	1.458	1.370	1.390	1.463	1.486	1.420	3.89

(#) = Out of Range