Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN120722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Dec 08 02:58:10 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN023082.D 0.2 =BN023083.D 0.4 =BN023084.D 0.8 =BN023085.D 1.6 =BN023086.D 3.2 =BN023087.D 5.0 =BN023088.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	0.521	0.540	0.429	0.516	0.519	0.489	0.458	0.496	8.00
3)		n-Nitrosodimet...	0.441	0.463	0.393	0.506	0.544	0.540	0.510	0.485	11.44
4)	S	2-Fluorophenol	1.033	0.986	0.772	0.897	0.932	0.940	0.915	0.925	8.83
5)	S	Phenol-d6	1.232	1.179	0.933	1.120	1.196	1.244	1.237	1.163	9.50
6)		bis(2-Chloroet...	1.419	1.369	1.095	1.303	1.332	1.269	1.202	1.284	8.46
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.299	0.292	0.243	0.293	0.311	0.326	0.338	0.300	10.18
9)		Naphthalene	1.217	1.193	1.004	1.184	1.241	1.233	1.235	1.187	7.03
10)		Hexachlorobuta...	0.234	0.228	0.193	0.225	0.234	0.225	0.221	0.223	6.23
11)	SURR	2-Methylnaphth...	0.623	0.610	0.676	0.778	0.867	0.857	0.876	0.755	15.56
12)		2-Methylnaphth...	0.172	0.170	0.152	0.190	0.224			0.182	15.00
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.150	0.146	0.130	0.158	0.180	0.204	0.215	0.169	18.81
15)	S	2-Fluorobiphenyl	1.873	1.826	1.534	1.739	1.841	1.806	1.808	1.775	6.41
16)		Acenaphthylene	1.690	1.678	1.496	1.803	2.021	2.199	2.272	1.880	15.45
17)		Acenaphthene	1.346	1.328	1.163	1.347	1.439	1.474	1.491	1.370	8.20
18)		Fluorene	1.483	1.480	1.270	1.540	1.640	1.672	1.667	1.536	9.33
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.049	0.050	0.045	0.058	0.068			0.054	17.24
21)		4-Bromophenyl-...	0.235	0.232	0.198	0.238	0.254	0.264	0.266	0.241	9.73
22)		Hexachlorobenzene	0.313	0.311	0.267	0.316	0.331	0.326	0.325	0.313	6.85
23)		Atrazine	0.155	0.158	0.135	0.166	0.188	0.210	0.215	0.175	17.14
24)		Pentachlorophenol	0.093	0.081	0.074	0.097	0.116			0.092	17.47
25)		Phenanthrene	1.360	1.319	1.144	1.329	1.410	1.427	1.451	1.348	7.64
26)		Anthracene	0.974	0.989	0.860	1.052	1.166	1.260	1.306	1.087	14.98
27)	SURR	Fluoranthene-d10	1.025	1.043	0.896	1.065	1.166	1.219	1.253	1.095	11.40
28)		Fluoranthene	1.351	1.383	1.213	1.472	1.604	1.635	1.638	1.471	11.14
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.686	1.650	1.442	1.672	1.732	1.737	1.756	1.668	6.38
31)	S	Terphenyl-d14	0.800	0.695	0.680	0.765	0.787	0.783	0.805	0.759	6.69
32)		Benzo(a)anthra...	1.399	1.386	1.219	1.455	1.559	1.647	1.672	1.477	10.88
33)		Chrysene	1.764	1.642	1.461	1.630	1.717	1.675	1.663	1.650	5.78
34)		Bis(2-ethylhex...	0.645	0.597	0.498	0.561	0.617	0.734	0.815	0.638	16.70
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	2.057	1.886	1.703	2.143	2.355	2.360	2.376	2.126	12.32
37)		Benzo(b)fluora...	1.756	1.656	1.514	1.843	2.014	1.993	2.023	1.829	10.79
38)		Benzo(k)fluora...	1.720	1.613	1.604	1.914	2.059	2.113	2.094	1.874	12.05
39)	C	Benzo(a)pyrene	1.552	1.294	1.153	1.425	1.601	1.658	1.687	1.481	13.47
40)		Dibenzo(a,h)an...	1.565	1.498	1.367	1.720	1.880	1.862	1.880	1.682	12.34
41)		Benzo(g,h,i)pe...	1.599	1.509	1.482	1.718	1.901	1.907	1.934	1.721	11.36

(#) = Out of Range