Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN050422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed May 04 15:20:22 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN019658.D 0.2 =BN019659.D 0.4 =BN019660.D 0.8 =BN019661.D 1.6 =BN019662.D 3.2 =BN019663.D 5.0 =BN019664.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	0.492	0.463	0.485	0.500	0.466	0.430	0.407	0.463	7.32
3)		n-Nitrosodimet...	0.420	0.463	0.502	0.520	0.501	0.477	0.466	0.478	6.93
4)	S	2-Fluorophenol	0.970	0.963	0.963	0.966	0.920	0.883	0.868	0.933	4.59
5)	S	Phenol-d6	1.197	1.151	1.149	1.175	1.133	1.106	1.097	1.144	3.10
6)		bis(2-Chloroet...	1.172	1.157	1.219	1.256	1.162	1.091	1.047	1.158	6.14
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.313	0.328	0.321	0.333	0.322	0.320	0.333	0.324	2.34
9)		Naphthalene	1.092	1.108	1.163	1.233	1.156	1.121	1.138	1.144	4.07
10)		Hexachlorobuta...	0.211	0.214	0.227	0.239	0.223	0.213	0.217	0.221	4.59
11)	SURR	2-Methylnaphth...	0.613	0.610	0.651	0.705	0.669	0.651	0.665	0.652	5.09
12)		2-Methylnaphth...	0.694	0.713	0.753	0.816	0.771	0.749	0.758	0.750	5.28
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.132	0.129	0.138	0.152	0.150	0.160	0.174	0.148	10.79
15)	S	2-Fluorobiphenyl	1.669	1.752	1.754	1.838	1.710	1.669	1.679	1.725	3.59
16)		Acenaphthylene	1.690	1.749	1.883	2.056	2.007	2.028	2.098	1.930	8.25
17)		Acenaphthene	1.241	1.235	1.313	1.438	1.364	1.342	1.361	1.328	5.43
18)		Fluorene	1.501	1.517	1.651	1.765	1.696	1.630	1.659	1.631	5.78
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.049	0.054	0.058	0.070	0.073			0.061	17.29
21)		4-Bromophenyl-...	0.239	0.239	0.253	0.276	0.261	0.267	0.273	0.258	5.91
22)		Hexachlorobenzene	0.270	0.272	0.287	0.310	0.288	0.288	0.290	0.286	4.54
23)		Atrazine	0.152	0.153	0.150	0.167	0.166	0.178	0.191	0.165	9.20
24)		Pentachlorophenol	0.096	0.087	0.102	0.102	0.106	0.121	0.135	0.107	14.88
25)		Phenanthrene	1.259	1.246	1.324	1.429	1.353	1.327	1.340	1.325	4.62
26)		Anthracene	0.994	1.003	1.078	1.194	1.168	1.206	1.237	1.126	8.87
27)	SURR	Fluoranthene-d10	1.007	1.007	1.094	1.176	1.170	1.142	1.171	1.109	6.82
28)		Fluoranthene	1.226	1.242	1.363	1.493	1.489	1.430	1.451	1.385	8.08
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.606	1.593	1.681	1.777	1.602	1.649	1.666	1.653	3.89
31)	S	Terphenyl-d14	0.928	0.922	0.936	1.035	0.903	0.917	0.918	0.937	4.75
32)		Benzo(a)anthra...	1.316	1.273	1.376	1.511	1.471	1.471	1.505	1.418	6.77
33)		Chrysene	1.486	1.468	1.563	1.703	1.585	1.518	1.526	1.550	5.09
34)		Bis(2-ethylhex...	0.810	0.723	0.686	0.718	0.686	0.760	0.868	0.750	9.04
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.594	1.646	1.796	1.983	1.934	1.863	1.908	1.818	8.12
37)		Benzo(b)fluora...	1.534	1.523	1.581	1.809	1.673	1.709	1.744	1.653	6.65
38)		Benzo(k)fluora...	1.578	1.606	1.767	1.921	1.769	1.792	1.815	1.750	6.85
39)	C	Benzo(a)pyrene	1.117	1.091	1.192	1.347	1.303	1.344	1.385	1.254	9.51
40)		Dibenzo(a,h)an...	1.311	1.337	1.450	1.629	1.579	1.519	1.543	1.481	8.17
41)		Benzo(g,h,i)pe...	1.279	1.307	1.442	1.592	1.573	1.514	1.556	1.466	8.73

(#) = Out of Range