Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN052621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu May 27 01:39:07 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014768.D 0.2 =BN014769.D 0.4 =BN014770.D 0.8 =BN014771.D 1.6 =BN014772.D 3.2 =BN014773.D 5.0 =BN014774.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	0.520	0.458	0.428	0.467	0.483	0.460	0.448	0.466	6.22
3)		n-Nitrosodimet...		0.129	0.074	0.154	0.157	0.176	0.190	0.147	28.06
4)	S	2-Fluorophenol	1.213	1.060	1.213	1.042	1.025	0.981	0.959	1.070	9.67
5)	S	Phenol-d6	1.634	1.362	1.674	1.370	1.410	1.402	1.408	1.466	8.90
6)		bis(2-Chloroet...	1.374	1.180	1.282	1.241	1.255	1.167	1.138	1.234	6.53
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.401	0.320	0.367	0.336	0.369	0.379	0.372	0.363	7.54
9)		Naphthalene	1.170	1.182	1.188	1.145	1.151	1.152	1.065	1.150	3.57
10)		Hexachlorobuta...	0.316	0.313	0.311	0.298	0.306	0.295	0.272	0.302	5.03
11)	SURR	2-Methylnaphth...	0.833	0.796	0.825	0.791	0.825	0.823	0.764	0.808	3.12
12)		2-Methylnaphth...	0.869	0.803	0.855	0.826	0.875	0.868	0.811	0.844	3.54
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.235	0.171	0.213	0.208	0.237	0.271	0.282	0.231	16.52
15)	S	2-Fluorobiphenyl	1.506	1.436	1.505	1.482	1.512	1.474	1.381	1.471	3.21
16)		Acenaphthylene	1.560	1.460	1.563	1.537	1.684	1.717	1.694	1.602	6.03
17)		Acenaphthene	1.196	1.121	1.204	1.148	1.199	1.187	1.147	1.172	2.78
18)		Fluorene	1.700	1.654	1.737	1.627	1.670	1.651	1.547	1.655	3.62
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.043	0.028	0.028	0.042	0.049	0.067		0.043	34.56
21)		4-Bromophenyl-...	0.285	0.270	0.267	0.275	0.279	0.283	0.269	0.276	2.56
22)		Hexachlorobenzene	0.302	0.291	0.308	0.305	0.304	0.302	0.291	0.301	2.22
23)		Atrazine	0.185	0.160	0.163	0.164	0.177	0.193	0.201	0.177	9.05
24)		Pentachlorophenol		0.050	0.047	0.061	0.074	0.092		0.065	28.71
25)		Phenanthrene	1.325	1.189	1.193	1.182	1.209	1.178	1.139	1.202	4.86
26)		Anthracene	1.026	0.926	0.983	0.974	1.052	1.078	1.052	1.013	5.32
27)	SURR	Fluoranthene-d10	1.660	1.645	1.672	1.521	1.570	1.541	1.493	1.586	4.56
28)		Fluoranthene	1.678	1.587	1.799	1.678	1.720	1.670	1.602	1.676	4.26
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.288	1.168	1.131	1.111	1.147	1.108	1.080	1.148	5.95
31)	S	Terphenyl-d14	0.974	0.950	0.960	0.944	0.974	0.933	0.899	0.948	2.77
32)		Benzo(a)anthra...	1.256	1.160	1.203	1.168	1.252	1.246	1.243	1.218	3.37
33)		Chrysene	1.328	1.317	1.394	1.384	1.398	1.308	1.251	1.340	4.07
34)		Bis(2-ethylhex...		0.358	0.353	0.313	0.329	0.351	0.370	0.346	6.05
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.388	1.422	1.705	1.687	1.804	1.830	1.715	1.650	10.65
37)		Benzo(b)fluora...	1.403	1.377	1.499	1.481	1.529	1.527	1.456	1.468	4.03
38)		Benzo(k)fluora...	1.468	1.468	1.617	1.567	1.585	1.602	1.496	1.543	4.15
39)	C	Benzo(a)pyrene	1.231	1.212	1.323	1.342	1.349	1.385	1.306	1.307	4.85
40)		Dibenzo(a,h)an...	1.113	1.144	1.412	1.409	1.522	1.547	1.455	1.372	12.69
41)		Benzo(g,h,i)pe...	1.311	1.362	1.604	1.482	1.553	1.548	1.455	1.474	7.23

(#) = Out of Range