Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN101821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 18 15:14:53 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016982.D 0.2 =BN016983.D 0.4 =BN016984.D 0.8 =BN016985.D 1.6 =BN016986.D 3.2 =BN016987.D 5 =BN016988.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.266	0.290	0.237	0.264	0.274	0.252	0.235	0.260	7.69
3)		n-Nitrosodimet...	0.271	0.301	0.285	0.320	0.347	0.330	0.315	0.310	8.38
4)	S	2-Fluorophenol	0.766	0.834	0.768	0.848	0.925	0.887	0.846	0.839	6.92
5)	S	Phenol-d6	0.838	0.912	0.865	0.980	1.087	1.046	1.003	0.961	9.69
6)		bis(2-Chloroet...	1.112	1.179	1.074	1.146	1.166	1.068	0.995	1.106	5.88
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.217	0.241	0.228	0.257	0.291	0.291	0.290	0.259	12.23
9)		Naphthalene	1.069	1.113	1.007	1.049	1.086	1.003	0.958	1.041	5.20
10)		Hexachlorobuta...	0.212	0.222	0.200	0.207	0.213	0.200	0.188	0.206	5.35
11)	SURR	2-Methylnaphth...	0.548	0.590	0.544	0.577	0.604	0.567	0.539	0.567	4.37
12)		2-Methylnaphth...	0.669	0.710	0.652	0.686	0.707	0.653	0.615	0.670	5.07
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.105	0.126	0.129	0.159	0.196	0.208	0.216	0.163	27.33
15)	S	2-Fluorobiphenyl	1.510	1.605	1.466	1.530	1.559	1.450	1.382	1.500	4.96
16)		Acenaphthylene	1.337	1.508	1.474	1.689	1.839	1.768	1.708	1.618	11.19
17)		Acenaphthene	1.102	1.167	1.058	1.123	1.160	1.094	1.046	1.107	4.19
18)		Fluorene	1.255	1.363	1.269	1.367	1.439	1.345	1.294	1.333	4.86
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.012	0.018	0.023	0.035	0.054	0.071	0.084	0.042	65.97
21)		4-Bromophenyl-...	0.206	0.226	0.221	0.244	0.254	0.244	0.237	0.233	7.08
22)		Hexachlorobenzene	0.261	0.277	0.260	0.275	0.285	0.265	0.253	0.268	4.20
23)		Atrazine	0.108	0.121	0.125	0.151	0.183	0.195	0.197	0.154	24.28
24)		Pentachlorophenol	0.032	0.041	0.049	0.066	0.094	0.112	0.122	0.074	48.10
25)		Phenanthrene	1.119	1.178	1.117	1.183	1.203	1.098	1.071	1.138	4.35
26)		Anthracene	0.808	0.882	0.885	1.001	1.103	1.040	1.001	0.960	10.84
27)	SURR	Fluoranthene-d10	0.884	0.967	0.944	1.036	1.109	1.054	1.014	1.001	7.51
28)		Fluoranthene	1.107	1.224	1.216	1.328	1.365	1.237	1.168	1.235	7.16
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.256	1.316	1.199	1.274	1.315	1.260	1.217	1.262	3.53
31)	S	Terphenyl-d14	0.876	0.933	0.852	0.891	0.919	0.880	0.846	0.885	3.64
32)		Benzo(a)anthra...	1.037	1.099	1.078	1.225	1.324	1.293	1.228	1.183	9.46
33)		Chrysene	1.365	1.384	1.266	1.326	1.348	1.241	1.182	1.302	5.67
34)		Bis(2-ethylhex...	0.382	0.372	0.347	0.424	0.594	0.712	0.751	0.512	33.44
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.220	1.344	1.281	1.420	1.501	1.427	1.364	1.365	6.95
37)		Benzo(b)fluora...	1.145	1.297	1.265	1.349	1.455	1.346	1.283	1.306	7.24
38)		Benzo(k)fluora...	1.206	1.324	1.267	1.368	1.402	1.308	1.214	1.298	5.72
39)	C	Benzo(a)pyrene	0.966	1.109	1.076	1.176	1.281	1.225	1.161	1.142	9.05
40)		Dibenzo(a,h)an...	0.934	1.049	1.017	1.145	1.215	1.159	1.114	1.091	8.80
41)		Benzo(g,h,i)pe...	1.128	1.225	1.162	1.248	1.318	1.250	1.190	1.217	5.19

(#) = Out of Range