Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN010722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 07 14:23:23 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN018361.D 0.2 =BN018362.D 0.4 =BN018363.D 0.8 =BN018364.D 1.6 =BN018365.D 3.2 =BN018366.D 5.0 =BN018367.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	0.255	0.222	0.220	0.238	0.223	0.214	0.203	0.225	7.46
3)		n-Nitrosodimet...	0.282	0.300	0.339	0.406	0.409	0.402	0.385	0.361	14.80
4)	S	2-Fluorophenol	0.890	0.860	0.941	1.083	1.075	1.051	0.987	0.984	9.15
5)	S	Phenol-d6	0.787	0.798	0.931	1.100	1.124	1.113	1.054	0.986	14.97
6)		bis(2-Chloroet...	0.926	0.940	1.063	1.215	1.170	1.124	1.038	1.068	10.30
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.175	0.209	0.259	0.278	0.299	0.307	0.255		20.54
9)		Naphthalene	1.002	0.952	1.017	1.109	1.051	1.016	0.966	1.016	5.20
10)		Hexachlorobuta...	0.186	0.177	0.187	0.205	0.195	0.190	0.183	0.189	4.80
11)	SURR	2-Methylnaphth...	0.584	0.572	0.622	0.694	0.663	0.641	0.606	0.626	6.93
12)		2-Methylnaphth...	0.581	0.573	0.631	0.698	0.654	0.626	0.593	0.622	7.12
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.088	0.111	0.157	0.181	0.204	0.209	0.158		31.31
15)	S	2-Fluorobiphenyl	1.288	1.326	1.459	1.626	1.539	1.475	1.396	1.444	8.19
16)		Acenaphthylene	1.224	1.243	1.488	1.806	1.821	1.812	1.725	1.588	16.90
17)		Acenaphthene	1.038	1.007	1.106	1.226	1.174	1.132	1.079	1.109	6.87
18)		Fluorene	1.092	1.083	1.234	1.416	1.351	1.321	1.226	1.246	10.18
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.008	0.007	0.011	0.022	0.033	0.052	0.064	0.028	80.02
21)		4-Bromophenyl-...	0.175	0.180	0.212	0.252	0.249	0.242	0.231	0.220	14.55
22)		Hexachlorobenzene	0.286	0.273	0.292	0.322	0.305	0.294	0.275	0.293	5.85
23)		Atrazine	0.097	0.098	0.116	0.156	0.181	0.193	0.185	0.146	28.93
24)		Pentachlorophenol	0.025	0.034	0.062	0.082	0.106	0.117	0.071		52.63
25)		Phenanthrene	1.066	1.007	1.121	1.255	1.208	1.142	1.072	1.124	7.66
26)		Anthracene	0.692	0.729	0.871	1.061	1.078	1.070	1.004	0.929	17.80
27)	SURR	Fluoranthene-d10	1.004	0.984	1.113	1.284	1.259	1.217	1.135	1.142	10.37
28)		Fluoranthene	1.060	1.040	1.214	1.382	1.304	1.222	1.135	1.194	10.48
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.395	1.314	1.428	1.544	1.440	1.410	1.378	1.416	4.94
31)	S	Terphenyl-d14	0.833	0.792	0.870	0.943	0.897	0.876	0.851	0.866	5.55
32)		Benzo(a)anthra...	0.995	0.882	1.059	1.325	1.345	1.342	1.301	1.178	16.48
33)		Chrysene	1.282	1.270	1.378	1.465	1.364	1.319	1.284	1.338	5.23
34)		Bis(2-ethylhex...	0.558	0.463	0.484	0.647	0.793	0.958	1.042	0.707	32.60
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.029	1.028	1.144	1.469	1.444	1.423	1.362	1.271	15.56
37)		Benzo(b)fluora...	1.109	1.097	1.331	1.459	1.408	1.369	1.302	1.297	10.91
38)		Benzo(k)fluora...	1.107	1.088	1.275	1.458	1.387	1.324	1.238	1.268	10.80
39)	C	Benzo(a)pyrene	1.115	1.045	1.163	1.314	1.289	1.264	1.200	1.199	8.16
40)		Dibenzo(a,h)an...	0.691	0.717	0.819	1.107	1.113	1.125	1.086	0.951	20.98
41)		Benzo(g,h,i)pe...	1.021	1.006	1.118	1.293	1.259	1.245	1.195	1.163	9.99

(#) = Out of Range