Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN080221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 02 14:09:59 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN015758.D 0.2 =BN015759.D 0.4 =BN015760.D 0.8 =BN015761.D 1.6 =BN015762.D 3.2 =BN015763.D 5 =BN015764.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	0.106	0.116	0.118	0.143	0.145	0.141	0.137	0.129	12.19
3)		n-Nitrosodimet...		0.205	0.232	0.267	0.297	0.305	0.294	0.266	15.19
4)	S	2-Fluorophenol	1.090	0.935	0.947	0.960	1.004	0.982	0.930	0.978	5.70
5)	S	Phenol-d6	1.315	1.096	1.135	1.163	1.226	1.204	1.134	1.182	6.21
6)		bis(2-Chloroet...	1.154	1.084	1.095	1.093	1.103	1.034	0.948	1.073	6.10
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.260	0.239	0.228	0.237	0.265	0.284	0.287	0.257	9.03
9)		Naphthalene	1.137	1.052	1.036	1.048	1.062	1.028	0.972	1.048	4.71
10)		Hexachlorobuta...	0.195	0.184	0.180	0.183	0.185	0.180	0.173	0.183	3.68
11)	SURR	2-Methylnaphth...	0.604	0.599	0.599	0.607	0.621	0.607	0.569	0.601	2.66
12)		2-Methylnaphth...	0.729	0.675	0.677	0.678	0.681	0.661	0.623	0.675	4.62
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.137	0.115	0.124	0.138	0.166	0.190		0.145	19.37
15)	S	2-Fluorobiphenyl	1.934	1.724	1.551	1.536	1.527	1.483	1.408	1.595	11.13
16)		Acenaphthylene	1.496	1.439	1.513	1.668	1.818	1.840	1.765	1.648	10.06
17)		Acenaphthene	1.211	1.125	1.112	1.147	1.175	1.167	1.120	1.151	3.08
18)		Fluorene	1.422	1.323	1.337	1.380	1.421	1.412	1.346	1.377	3.07
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.014	0.015	0.018	0.024	0.031	0.043		0.024	45.11
21)		4-Bromophenyl-...	0.234	0.221	0.221	0.235	0.247	0.247	0.241	0.235	4.61
22)		Hexachlorobenzene	0.288	0.265	0.260	0.271	0.277	0.272	0.259	0.270	3.79
23)		Atrazine	0.123	0.118	0.155	0.148	0.178			0.145	16.97
24)		Pentachlorophenol	0.060	0.057	0.071	0.074	0.094	0.110	0.119	0.084	29.42
25)		Phenanthrene	1.283	1.168	1.156	1.191	1.222	1.188	1.121	1.190	4.35
26)		Anthracene	0.947	0.887	0.917	1.011	1.092	1.095	1.053	1.000	8.44
27)	SURR	Fluoranthene-d10	0.961	0.974	0.987	1.063	1.128	1.112	1.060	1.041	6.48
28)		Fluoranthene	1.242	1.170	1.208	1.286	1.316	1.259	1.189	1.238	4.27
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.463	1.317	1.291	1.298	1.327	1.355	1.294	1.335	4.56
31)	S	Terphenyl-d14	1.202	1.045	0.958	0.936	0.941	0.947	0.899	0.990	10.48
32)		Benzo(a)anthra...	1.172	1.095	1.127	1.205	1.322	1.344	1.293	1.222	8.04
33)		Chrysene	1.480	1.340	1.310	1.316	1.299	1.287	1.222	1.322	5.95
34)		Bis(2-ethylhex...	0.355	0.319	0.323	0.382	0.545	0.719	0.787	0.490	40.01
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN080221.M

36)		Indeno(1,2,3-c...	1.360	1.285	1.328	1.439	1.520	1.520	1.467	1.417	6.62
37)		Benzo(b)fluora...	1.376	1.338	1.390	1.414	1.466	1.427	1.313	1.389	3.77
38)		Benzo(k)fluora...	1.530	1.415	1.443	1.452	1.474	1.407	1.346	1.438	4.01
39)	C	Benzo(a)pyrene	1.061	1.004	1.112	1.172	1.262	1.261	1.212	1.155	8.64
40)		Dibenzo(a,h)an...	1.129	1.077	1.109	1.206	1.269	1.279	1.237	1.187	6.83
41)		Benzo(g,h,i)pe...	1.234	1.150	1.189	1.248	1.306	1.296	1.246	1.238	4.48

(#) = Out of Range