Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 17 13:18:23 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN018985.D 0.2 =BN018986.D 0.4 =BN018987.D 0.8 =BN018988.D 1.6 =BN018989.D 3.2 =BN018990.D 5.0 =BN018991.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	0.469	0.520	0.546	0.505	0.462	0.439	0.494	7.73
3)		n-Nitrosodimet...	0.690	0.575	0.549	0.619	0.567	0.529	0.507	0.577	10.65
4)	S	2-Fluorophenol	0.945	0.958	0.890	0.965	0.884	0.827	0.806	0.896	7.06
5)	S	Phenol-d6	0.860	0.870	0.876	0.974	0.984	0.994	1.022	0.940	7.29
6)		bis(2-Chloroet...	1.037	1.132	1.102	1.217	1.162	1.101	1.077	1.118	5.25
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.257	0.284	0.258	0.289	0.290	0.307	0.334	0.289	9.32
9)		Naphthalene	1.103	1.104	1.108	1.225	1.164	1.124	1.139	1.138	3.89
10)		Hexachlorobuta...	0.296	0.296	0.277	0.299	0.272	0.255	0.254	0.278	6.98
11)	SURR	2-Methylnaphth...	0.626	0.640	0.650	0.701	0.690	0.660	0.677	0.664	4.08
12)		2-Methylnaphth...	0.717	0.764	0.754	0.827	0.801	0.770	0.783	0.774	4.54
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.146	0.160	0.173	0.195	0.209	0.226	0.242	0.193	18.08
15)	S	2-Fluorobiphenyl	1.490	1.605	1.540	1.741	1.622	1.606	1.621	1.603	4.86
16)		Acenaphthylene	1.568	1.654	1.696	1.979	1.951	2.040	2.105	1.856	11.41
17)		Acenaphthene	1.208	1.225	1.257	1.407	1.333	1.333	1.354	1.302	5.64
18)		Fluorene	1.492	1.529	1.613	1.766	1.716	1.683	1.686	1.641	6.12
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.032	0.036	0.045	0.063	0.071			0.049	34.23
21)		4-Bromophenyl-...	0.210	0.224	0.242	0.280	0.264	0.270	0.276	0.252	10.82
22)		Hexachlorobenzene	0.318	0.318	0.322	0.354	0.323	0.319	0.322	0.325	3.92
23)		Atrazine	0.172	0.178	0.168	0.186	0.190	0.204	0.219	0.188	9.56
24)		Pentachlorophenol	0.089	0.085	0.087	0.103	0.108	0.127		0.100	16.50
25)		Phenanthrene	1.110	1.157	1.195	1.349	1.309	1.310	1.325	1.251	7.57
26)		Anthracene	0.874	0.898	0.972	1.118	1.127	1.188	1.222	1.057	13.32
27)	SURR	Fluoranthene-d10	1.158	1.140	1.164	1.165	1.216	1.227	1.238	1.187	3.28
28)		Fluoranthene	1.426	1.405	1.435	1.460	1.527	1.515	1.506	1.468	3.32
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.927	2.000	1.971	2.274	1.979	1.897	1.899	1.993	6.55
31)	S	Terphenyl-d14	1.125	1.032	0.953	1.074	0.926	0.885	0.882	0.982	9.72
32)		Benzo(a)anthra...	1.014	1.052	1.103	1.255	1.327	1.403	1.476	1.233	14.61
33)		Chrysene	1.679	1.665	1.679	1.805	1.673	1.569	1.568	1.662	4.82
34)		Bis(2-ethylhex...	0.895	0.829	0.748	0.747	0.775	0.824	0.903	0.817	7.94
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.362	1.417	1.376	1.691	1.340	1.414	1.503	1.443	8.41
37)		Benzo(b)fluora...	1.238	1.239	1.326	1.464	1.565	1.639	1.743	1.459	13.69
38)		Benzo(k)fluora...	1.660	1.963	2.000	2.227	2.087	2.036	2.027	2.000	8.61
39)	C	Benzo(a)pyrene	1.150	1.212	1.291	1.429	1.382	1.387	1.443	1.328	8.49
40)		Dibenzo(a,h)an...	1.027	1.107	1.074	1.214	1.098	1.141	1.208	1.124	6.10
41)		Benzo(g,h,i)pe...	1.214	1.350	1.281	1.635	1.477	1.461	1.503	1.417	10.17

(#) = Out of Range