Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN081123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Aug 11 01:57:19 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN026872.D 0.2 =BN026873.D 0.4 =BN026874.D 0.8 =BN026875.D 1.6 =BN026876.D 3.2 =BN026877.D 5.0 =BN026878.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	0.545	0.459	0.401	0.436	0.376	0.397	0.397	0.430	13.45
3)		n-Nitrosodimet...	0.578	0.492	0.462	0.501	0.421	0.449	0.450	0.479	10.71
4)	S	2-Fluorophenol	1.418	1.296	1.075	1.197	0.926	0.986	0.995	1.127	16.14
5)	S	Phenol-d6	1.654	1.546	1.322	1.480	1.158	1.269	1.317	1.392	12.46
6)		bis(2-Chloroet...	1.294	1.236	1.149	1.240	1.029	1.116	1.131	1.171	7.73
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.387	0.392	0.349	0.339	0.256	0.310	0.333	0.338	13.71
9)		Naphthalene	1.076	1.063	1.014	1.097	0.926	1.062	1.127	1.052	6.24
10)		Hexachlorobuta...	0.252	0.251	0.217	0.221	0.174	0.194	0.199	0.215	13.54
11)	SURR	2-Methylnaphth...	0.685	0.693	0.631	0.666	0.530	0.608	0.637	0.636	8.76
12)		2-Methylnaphth...	0.902	0.900	0.821	0.859	0.684	0.777	0.814	0.823	9.29
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.240	0.220	0.198	0.208	0.175	0.208	0.240	0.213	10.77
15)	S	2-Fluorobiphenyl	1.518	1.506	1.428	1.545	1.295	1.480	1.622	1.485	6.93
16)		Acenaphthylene	1.855	1.862	1.890	1.943	1.674	1.998	2.140	1.909	7.51
17)		Acenaphthene	1.189	1.187	1.155	1.215	1.034	1.191	1.281	1.179	6.34
18)		Fluorene	1.571	1.597	1.583	1.624	1.392	1.600	1.716	1.583	6.13
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.006	0.006	0.007	0.006	0.006	0.006	0.007	0.006	7.02
21)		4-Bromophenyl-...	0.226	0.224	0.224	0.238	0.199	0.235	0.255	0.228	7.55
22)		Hexachlorobenzene	0.244	0.249	0.240	0.254	0.213	0.245	0.261	0.244	6.31
23)		Atrazine	0.206	0.202	0.202	0.205	0.175	0.209	0.223	0.203	7.11
24)		Pentachlorophenol	0.118	0.113	0.115	0.121	0.103	0.136	0.157	0.123	14.43
25)		Phenanthrene	1.169	1.144	1.120	1.187	0.995	1.179	1.256	1.150	7.00
26)		Anthracene	1.036	1.027	1.038	1.096	0.941	1.144	1.228	1.073	8.66
27)	SURR	Fluoranthene-d10	1.029	1.015	0.995	1.063	0.893	1.054	1.132	1.026	7.14
28)		Fluoranthene	1.371	1.341	1.315	1.405	1.197	1.406	1.498	1.362	6.85
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.592	1.551	1.521	1.572	1.324	1.531	1.684	1.539	7.10
31)	S	Terphenyl-d14	0.957	0.843	0.797	0.847	0.705	0.800	0.903	0.836	9.68
32)		Benzo(a)anthra...	1.473	1.439	1.424	1.491	1.252	1.464	1.564	1.444	6.64
33)		Chrysene	1.483	1.469	1.455	1.510	1.270	1.465	1.551	1.457	6.11
34)		Bis(2-ethylhex...	1.300	1.074	1.054	1.016	0.824	0.965	1.043	1.040	13.70
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.688	1.662	1.589	1.693	1.385	1.668	1.781	1.638	7.63
37)		Benzo(b)fluora...	1.335	1.298	1.257	1.389	1.187	1.418	1.488	1.339	7.64
38)		Benzo(k)fluora...	1.348	1.378	1.345	1.407	1.191	1.461	1.504	1.376	7.29
39)	C	Benzo(a)pyrene	1.359	1.335	1.270	1.387	1.179	1.383	1.474	1.341	7.01
40)		Dibenzo(a,h)an...	1.342	1.308	1.273	1.348	1.107	1.332	1.419	1.304	7.49
41)		Benzo(g,h,i)pe...	1.456	1.436	1.377	1.451	1.176	1.416	1.511	1.403	7.72

(#) = Out of Range