Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN043021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 30 17:46:00 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014500.D 0.2 =BN014501.D 0.4 =BN014502.D 0.8 =BN014503.D 1.6 =BN014504.D 3.2 =BN014505.D 5 =BN014506.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	0.670	0.522	0.402	0.441	0.460	0.451	0.409	0.479	19.36
3)		n-Nitrosodimet...		0.128	0.121	0.201	0.232	0.261	0.251	0.199	30.87
4)	S	2-Fluorophenol	0.894	0.824	0.702	0.756	0.799	0.827	0.781	0.798	7.59
5)	S	Phenol-d6	0.933	0.890	0.796	0.878	0.966	1.038	0.996	0.928	8.75
6)		bis(2-Chloroet...	0.987	0.946	0.865	0.960	1.004	0.983	0.899	0.949	5.32
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.211	0.212	0.196	0.223	0.240	0.262	0.258	0.229	10.93
9)		Naphthalene	1.075	1.064	0.966	1.053	1.081	1.091	1.022	1.050	4.15
10)		Hexachlorobuta...	0.225	0.217	0.192	0.207	0.209	0.210	0.195	0.208	5.51
11)	SURR	2-Methylnaphth...	0.854	0.817	0.745	0.821	0.855	0.872	0.825	0.827	5.04
12)		2-Methylnaphth...	0.700	0.685	0.622	0.686	0.711	0.718	0.674	0.685	4.66
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.128	0.106	0.097	0.116	0.139	0.161		0.125	18.57
15)	S	2-Fluorobiphenyl	1.495	1.558	1.428	1.561	1.594	1.602	1.468	1.529	4.32
16)		Acenaphthylene	1.376	1.372	1.271	1.435	1.599	1.769	1.722	1.506	12.72
17)		Acenaphthene	1.124	1.118	1.016	1.107	1.167	1.205	1.143	1.126	5.22
18)		Fluorene	1.397	1.361	1.241	1.375	1.437	1.480	1.405	1.385	5.40
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.012	0.008	0.013	0.025	0.040	0.053	0.061	0.030	69.93
21)		4-Bromophenyl-...	0.215	0.212	0.191	0.217	0.237	0.244	0.233	0.222	8.18
22)		Hexachlorobenzene	0.280	0.287	0.256	0.284	0.299	0.296	0.280	0.283	4.93
23)		Atrazine	0.125	0.115	0.099	0.115	0.130	0.145	0.155	0.126	15.12
24)		Pentachlorophenol		0.035	0.029	0.047	0.064	0.078	0.088	0.057	41.30
25)		Phenanthrene	1.150	1.140	1.018	1.134	1.227	1.234	1.178	1.154	6.25
26)		Anthracene	0.839	0.802	0.735	0.852	0.965	1.033	1.035	0.895	13.12
27)	SURR	Fluoranthene-d10	1.382	1.370	1.231	1.376	1.515	1.567	1.539	1.426	8.40
28)		Fluoranthene	1.196	1.180	1.077	1.225	1.356	1.380	1.326	1.249	8.81
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.543	1.418	1.216	1.333	1.367	1.365	1.301	1.363	7.44
31)	S	Terphenyl-d14	0.997	0.941	0.866	0.913	0.941	0.928	0.878	0.923	4.75
32)		Benzo(a)anthra...	1.096	1.078	0.976	1.118	1.198	1.215	1.232	1.130	8.08
33)		Chrysene	1.324	1.344	1.160	1.285	1.336	1.373	1.247	1.296	5.61
34)		Bis(2-ethylhex...	0.611	0.513	0.359	0.362	0.361	0.388	0.420	0.430	22.41
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.237	1.355	1.240	1.480	1.671	1.754	1.664	1.486	14.47
37)		Benzo(b)fluora...	1.341	1.427	1.298	1.433	1.552	1.664	1.543	1.465	8.76
38)		Benzo(k)fluora...	1.654	1.721	1.504	1.732	1.817	1.790	1.702	1.703	6.05
39)	C	Benzo(a)pyrene	1.312	1.305	1.127	1.281	1.373	1.449	1.397	1.321	7.86
40)		Dibenzo(a,h)an...	1.003	1.100	1.029	1.233	1.393	1.472	1.395	1.232	15.58
41)		Benzo(g,h,i)pe...	1.387	1.414	1.314	1.471	1.564	1.612	1.508	1.467	7.07

(#) = Out of Range