Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN050721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri May 07 17:32:10 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014536.D 0.2 =BN014537.D 0.4 =BN014538.D 0.8 =BN014539.D 1.6 =BN014540.D 3.2 =BN014541.D 5 =BN014542.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		0.646	0.481	0.505	0.498	0.473	0.418	0.504	15.18
3)		n-Nitrosodimet...		0.229	0.114	0.150	0.166	0.215	0.177	0.175	24.20
4)	S	2-Fluorophenol	1.262	1.241	1.061	1.112	1.134	1.081	0.946	1.120	9.67
5)	S	Phenol-d6	1.603	1.777	1.508	1.563	1.574	1.527	1.349	1.557	8.19
6)		bis(2-Chloroet...	1.152	1.220	1.056	1.126	1.174	1.159	1.032	1.131	5.86
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.299	0.350	0.296	0.323	0.330	0.349	0.342	0.327	6.86
9)		Naphthalene	1.112	1.091	0.984	1.033	1.089	1.085	1.027	1.060	4.35
10)		Hexachlorobuta...	0.276	0.253	0.233	0.251	0.262	0.262	0.244	0.255	5.50
11)	SURR	2-Methylnaphth...	0.982	0.984	0.871	0.932	0.980	0.976	0.928	0.950	4.46
12)		2-Methylnaphth...	0.791	0.774	0.698	0.737	0.773	0.773	0.733	0.754	4.34
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.185	0.186	0.151	0.171	0.181	0.192	0.190	0.179	7.96
15)	S	2-Fluorobiphenyl	1.453	1.483	1.338	1.463	1.525	1.522	1.403	1.455	4.58
16)		Acenaphthylene	1.512	1.542	1.396	1.505	1.622	1.681	1.582	1.548	5.92
17)		Acenaphthene	1.053	1.091	0.963	1.100	1.139	1.133	1.078	1.080	5.50
18)		Fluorene	1.514	1.426	1.277	1.415	1.508	1.468	1.377	1.427	5.80
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.017	0.026	0.024	0.030	0.038	0.045	0.048	0.033	36.00
21)		4-Bromophenyl-...	0.239	0.256	0.227	0.244	0.260	0.265	0.244	0.248	5.32
22)		Hexachlorobenzene	0.249	0.259	0.232	0.249	0.254	0.260	0.244	0.250	3.97
23)		Atrazine	0.178	0.161	0.143	0.166	0.175	0.183	0.182	0.170	8.43
24)		Pentachlorophenol		0.088	0.068	0.086	0.087	0.093	0.093	0.086	10.76
25)		Phenanthrene	1.104	1.116	0.953	1.049	1.105	1.106	1.036	1.067	5.54
26)		Anthracene	0.994	0.987	0.861	0.949	1.012	1.035	0.990	0.975	5.83
27)	SURR	Fluoranthene-d10	1.728	1.768	1.502	1.691	1.792	1.795	1.728	1.715	5.91
28)		Fluoranthene	1.350	1.395	1.185	1.351	1.435	1.431	1.375	1.360	6.22
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.160	1.125	1.046	1.123	1.144	1.177	1.075	1.122	4.12
31)	S	Terphenyl-d14	1.014	1.004	0.957	0.976	0.996	1.019	0.936	0.986	3.13
32)		Benzo(a)anthra...	1.238	1.233	1.078	1.189	1.219	1.242	1.174	1.196	4.86
33)		Chrysene	1.252	1.245	1.117	1.236	1.245	1.251	1.175	1.217	4.25
34)		Bis(2-ethylhex...	0.546	0.467	0.358	0.390	0.403	0.427	0.426	0.431	14.17
35)	I	Perylene-d12	----------	ISTD	----------						

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36)		Indeno(1,2,3-c...	1.509	1.521	1.364	1.492	1.566	1.600	1.529	1.511	4.94
37)		Benzo(b)fluora...	1.329	1.341	1.202	1.326	1.363	1.391	1.332	1.326	4.48
38)		Benzo(k)fluora...	1.295	1.275	1.166	1.283	1.313	1.349	1.270	1.279	4.42
39)	C	Benzo(a)pyrene	1.178	1.157	1.031	1.138	1.191	1.219	1.161	1.154	5.19
40)		Dibenzo(a,h)an...	1.325	1.321	1.184	1.291	1.356	1.387	1.315	1.311	4.89
41)		Benzo(g,h,i)pe...	1.302	1.295	1.167	1.269	1.325	1.346	1.279	1.283	4.49

(#) = Out of Range