Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN101421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 14 17:01:23 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016947.D 0.2 =BN016948.D 0.4 =BN016949.D 0.8 =BN016950.D 1.6 =BN016951.D 3.2 =BN016952.D 5 =BN016953.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	0.321	0.265	0.251	0.256	0.264	0.229	0.223	0.259	12.48
3)		n-Nitrosodimet...	0.312	0.333	0.309	0.334	0.350	0.332	0.317	0.327	4.51
4)	S	2-Fluorophenol	1.004	1.058	0.949	1.003	1.051	0.981	0.919	0.995	5.07
5)	S	Phenol-d6	1.091	1.131	1.047	1.120	1.188	1.116	1.048	1.106	4.47
6)		bis(2-Chloroet...	1.154	1.208	1.098	1.137	1.153	1.054	0.975	1.111	6.93
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.236	0.241	0.228	0.248	0.278	0.277	0.275	0.255	8.41
9)		Naphthalene	1.324	1.286	1.104	1.102	1.106	1.013	0.960	1.128	11.81
10)		Hexachlorobuta...	0.209	0.218	0.199	0.204	0.210	0.197	0.188	0.204	4.97
11)	SURR	2-Methylnaphth...	0.560	0.595	0.547	0.575	0.598	0.557	0.530	0.566	4.39
12)		2-Methylnaphth...	0.690	0.720	0.666	0.686	0.701	0.641	0.602	0.672	5.92
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.138	0.152	0.153	0.177	0.210	0.210	0.219	0.180	18.37
15)	S	2-Fluorobiphenyl	1.537	1.633	1.509	1.539	1.565	1.466	1.409	1.523	4.70
16)		Acenaphthylene	1.422	1.566	1.549	1.714	1.849	1.770	1.703	1.654	8.89
17)		Acenaphthene	1.093	1.175	1.092	1.127	1.171	1.102	1.062	1.118	3.81
18)		Fluorene	1.282	1.380	1.295	1.380	1.436	1.331	1.268	1.339	4.62
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.028	0.032	0.037	0.050	0.071	0.088	0.100	0.058	49.65
21)		4-Bromophenyl-...	0.221	0.242	0.229	0.244	0.260	0.245	0.238	0.240	5.20
22)		Hexachlorobenzene	0.272	0.292	0.271	0.278	0.286	0.270	0.255	0.275	4.32
23)		Atrazine	0.130	0.141	0.140	0.161	0.192	0.200	0.199	0.166	18.20
24)		Pentachlorophenol	0.056	0.060	0.064	0.081	0.105	0.120	0.129	0.088	34.39
25)		Phenanthrene	1.129	1.198	1.140	1.157	1.193	1.113	1.060	1.141	4.20
26)		Anthracene	0.851	0.941	0.933	1.006	1.103	1.038	1.003	0.982	8.31
27)	SURR	Fluoranthene-d10	0.932	1.007	0.966	1.035	1.110	1.056	1.013	1.017	5.73
28)		Fluoranthene	1.160	1.269	1.258	1.319	1.365	1.230	1.154	1.251	6.19
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.250	1.327	1.257	1.271	1.326	1.258	1.208	1.271	3.34
31)	S	Terphenyl-d14	0.867	0.927	0.873	0.893	0.923	0.878	0.851	0.888	3.23
32)		Benzo(a)anthra...	1.110	1.168	1.174	1.243	1.342	1.273	1.228	1.220	6.28
33)		Chrysene	1.309	1.362	1.321	1.310	1.341	1.253	1.189	1.298	4.51
34)		Bis(2-ethylhex...	0.445	0.429	0.422	0.504	0.661	0.768	0.788	0.574	28.15
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.374	1.484	1.446	1.526	1.593	1.497	1.425	1.478	4.82
37)		Benzo(b)fluora...	1.229	1.325	1.307	1.363	1.454	1.335	1.261	1.325	5.51
38)		Benzo(k)fluora...	1.246	1.342	1.335	1.370	1.393	1.293	1.202	1.312	5.21
39)	C	Benzo(a)pyrene	1.025	1.155	1.148	1.200	1.285	1.218	1.154	1.169	6.84
40)		Dibenzo(a,h)an...	1.090	1.191	1.176	1.246	1.296	1.219	1.165	1.198	5.47
41)		Benzo(g,h,i)pe...	1.243	1.320	1.290	1.335	1.398	1.319	1.251	1.308	4.07

(#) = Out of Range