Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN122321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Dec 23 14:22:48 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN018173.D 0.2 =BN018174.D 0.4 =BN018175.D 0.8 =BN018176.D 1.6 =BN018177.D 3.2 =BN018178.D 5.0 =BN018179.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	0.239	0.229	0.238	0.275	0.251	0.236	0.214	0.240	7.87
3)		n-Nitrosodimet...	0.289	0.293	0.328	0.397	0.393	0.382	0.364	0.350	13.22
4)	S	2-Fluorophenol	0.788	0.756	0.835	0.965	0.960	0.930	0.879	0.873	9.53
5)	S	Phenol-d6	0.767	0.778	0.881	1.045	1.055	1.035	0.982	0.935	13.40
6)		bis(2-Chloroet...	0.949	0.924	0.980	1.149	1.092	1.023	0.937	1.008	8.45
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.189	0.218	0.279	0.296	0.315	0.317	0.269		19.83
9)		Naphthalene	0.984	0.927	0.946	1.094	1.038	0.989	0.935	0.987	6.13
10)		Hexachlorobuta...	0.265	0.246	0.250	0.288	0.272	0.263	0.253	0.263	5.51
11)	SURR	2-Methylnaphth...	0.648	0.630	0.660	0.770	0.731	0.704	0.668	0.687	7.26
12)		2-Methylnaphth...	0.620	0.603	0.637	0.739	0.693	0.658	0.616	0.652	7.48
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.109	0.141	0.197	0.223	0.245	0.253	0.195		29.90
15)	S	2-Fluorobiphenyl	1.431	1.384	1.471	1.664	1.570	1.519	1.429	1.495	6.46
16)		Acenaphthylene	1.146	1.151	1.340	1.699	1.720	1.701	1.645	1.486	17.82
17)		Acenaphthene	0.990	0.950	0.978	1.145	1.112	1.074	1.008	1.036	7.12
18)		Fluorene	1.140	1.111	1.225	1.446	1.404	1.345	1.247	1.274	10.08
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.006	0.006	0.012	0.021	0.026		0.014		62.89
21)		4-Bromophenyl-...	0.204	0.202	0.224	0.282	0.278	0.272	0.252	0.245	14.25
22)		Hexachlorobenzene	0.285	0.270	0.276	0.330	0.306	0.292	0.271	0.290	7.47
23)		Atrazine	0.099	0.099	0.116	0.168	0.187	0.200	0.194	0.152	30.14
24)		Pentachlorophenol	0.033	0.045	0.075	0.094	0.117	0.125	0.081		46.25
25)		Phenanthrene	1.019	0.973	1.017	1.195	1.139	1.098	0.991	1.062	7.88
26)		Anthracene	0.674	0.685	0.782	1.016	1.021	1.008	0.937	0.875	17.94
27)	SURR	Fluoranthene-d10	1.091	1.072	1.156	1.458	1.420	1.385	1.287	1.267	12.69
28)		Fluoranthene	1.079	1.082	1.187	1.462	1.379	1.296	1.191	1.239	11.77
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.288	1.224	1.242	1.420	1.316	1.293	1.203	1.284	5.63
31)	S	Terphenyl-d14	0.864	0.829	0.856	0.972	0.908	0.893	0.840	0.880	5.58
32)		Benzo(a)anthra...	0.925	0.901	1.033	1.329	1.343	1.343	1.260	1.162	17.36
33)		Chrysene	1.288	1.217	1.229	1.380	1.303	1.264	1.193	1.268	4.98
34)		Bis(2-ethylhex...	0.256	0.272	0.387	0.481	0.587	0.625	0.435		35.96
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	0.913	0.937	1.037	1.330	1.332	1.329	1.227	1.158	16.44
37)		Benzo(b)fluora...	1.075	1.053	1.164	1.385	1.397	1.351	1.235	1.237	11.69
38)		Benzo(k)fluora...	1.098	1.119	1.219	1.454	1.339	1.283	1.214	1.247	9.98
39)	C	Benzo(a)pyrene	0.923	0.958	1.025	1.246	1.242	1.228	1.162	1.112	12.61
40)		Dibenzo(a,h)an...	0.600	0.634	0.736	0.985	1.006	1.028	0.961	0.850	21.92
41)		Benzo(g,h,i)pe...	0.925	0.902	0.972	1.193	1.187	1.179	1.107	1.066	12.19

(#) = Out of Range