Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN012422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Jan 24 18:25:49 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN018448.D 0.2 =BN018449.D 0.4 =BN018450.D 0.8 =BN018451.D 1.6 =BN018452.D 3.2 =BN018453.D 5.0 =BN018454.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	0.222	0.185	0.225	0.227	0.228	0.199	0.177	0.209	10.44
3)		n-Nitrosodimet...	0.305	0.305	0.319	0.364	0.351	0.341	0.321	0.329	6.98
4)	S	2-Fluorophenol	0.996	0.943	0.975	1.082	1.031	0.990	0.930	0.992	5.24
5)	S	Phenol-d6	1.049	1.000	1.037	1.181	1.133	1.105	1.044	1.078	5.88
6)		bis(2-Chloroet...	1.118	1.054	1.109	1.215	1.133	1.039	0.957	1.089	7.52
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.202	0.191	0.204	0.243	0.248	0.260	0.267	0.231	13.38
9)		Naphthalene	0.967	0.912	0.970	1.078	1.016	0.958	0.913	0.973	5.98
10)		Hexachlorobuta...	0.193	0.179	0.193	0.211	0.200	0.188	0.183	0.192	5.61
11)	SURR	2-Methylnaphth...	0.662	0.637	0.666	0.746	0.700	0.660	0.625	0.671	6.09
12)		2-Methylnaphth...	0.695	0.655	0.684	0.755	0.694	0.650	0.616	0.678	6.48
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.107	0.103	0.109	0.138	0.145			0.121	16.07
15)	S	2-Fluorobiphenyl	1.409	1.345	1.441	1.586	1.494	1.415	1.354	1.435	5.85
16)		Acenaphthylene	1.258	1.211	1.356	1.646	1.649	1.648	1.606	1.482	13.42
17)		Acenaphthene	1.010	0.970	1.044	1.168	1.111	1.071	1.017	1.056	6.35
18)		Fluorene	1.204	1.165	1.260	1.418	1.334	1.294	1.216	1.270	6.83
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.011	0.008	0.011	0.018	0.022	0.031		0.017	51.11
21)		4-Bromophenyl-...	0.206	0.194	0.210	0.236	0.227	0.217	0.213	0.215	6.46
22)		Hexachlorobenzene	0.233	0.221	0.237	0.265	0.250	0.231	0.225	0.237	6.51
23)		Atrazine	0.124	0.114	0.122	0.152	0.158	0.166	0.167	0.143	15.86
24)		Pentachlorophenol	0.068	0.053	0.056	0.076	0.080	0.094	0.106	0.076	25.30
25)		Phenanthrene	1.036	0.992	1.067	1.184	1.117	1.046	0.991	1.062	6.51
26)		Anthracene	0.824	0.784	0.858	0.997	0.975	0.936	0.913	0.898	8.81
27)	SURR	Fluoranthene-d10	1.160	1.118	1.195	1.357	1.281	1.204	1.129	1.206	7.12
28)		Fluoranthene	1.127	1.086	1.171	1.321	1.221	1.131	1.063	1.160	7.60
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.930	1.744	1.809	1.889	1.677	1.490	1.411	1.707	11.49
31)	S	Terphenyl-d14	1.355	1.289	1.337	1.356	1.210	1.088	1.069	1.243	9.93
32)		Benzo(a)anthra...	1.254	1.179	1.240	1.376	1.323	1.271	1.225	1.267	5.15
33)		Chrysene	1.224	1.148	1.234	1.409	1.319	1.247	1.189	1.253	6.90
34)		Bis(2-ethylhex...		1.135	1.009	1.020	0.962	0.928	0.930	0.997	7.80
35)	I	Perylene-d12	----------	ISTD	----------						

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36)		Indeno(1,2,3-c...	0.581	0.530	0.592	0.758	0.806	0.857	0.853	0.711	19.60
37)		Benzo(b)fluora...	1.467	1.374	1.464	1.618	1.519	1.353	1.291	1.441	7.67
38)		Benzo(k)fluora...	1.237	1.182	1.312	1.411	1.320	1.239	1.173	1.268	6.69
39)	C	Benzo(a)pyrene	0.972	0.917	1.018	1.169	1.139	1.099	1.068	1.055	8.60
40)		Dibenzo(a,h)an...	0.365	0.325	0.359	0.488	0.536	0.599	0.611	0.469	25.47
41)		Benzo(g,h,i)pe...	0.647	0.588	0.654	0.786	0.800	0.805	0.784	0.723	12.51

(#) = Out of Range