Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN120321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Dec 03 23:07:38 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN017692.D 0.2 =BN017693.D 0.4 =BN017694.D 0.8 =BN017695.D 1.6 =BN017696.D 3.2 =BN017697.D 5.0 =BN017698.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	0.302	0.293	0.299	0.326	0.302	0.287	0.268	0.297	5.92
3)		n-Nitrosodimet...	0.384	0.364	0.390	0.440	0.424	0.415	0.390	0.401	6.63
4)	S	2-Fluorophenol	0.917	0.864	0.926	1.039	1.001	0.957	0.890	0.942	6.52
5)	S	Phenol-d6	0.861	0.833	0.924	1.066	1.054	1.028	0.968	0.962	9.66
6)		bis(2-Chloroet...	0.989	0.938	1.015	1.129	1.067	1.065	0.969	1.025	6.45
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.165	0.156	0.180	0.226	0.241			0.193	19.46
9)		Naphthalene	1.087	0.986	1.005	1.101	1.035	0.988	0.937	1.020	5.75
10)		Hexachlorobuta...	0.292	0.273	0.291	0.325	0.304	0.293	0.278	0.294	5.82
11)	SURR	2-Methylnaphth...	0.672	0.648	0.698	0.793	0.750	0.714	0.678	0.708	7.03
12)		2-Methylnaphth...	0.646	0.618	0.672	0.755	0.700	0.655	0.618	0.666	7.31
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...		0.128	0.160	0.209	0.227	0.247	0.247	0.203	24.12
15)	S	2-Fluorobiphenyl	1.418	1.407	1.518	1.706	1.612	1.541	1.468	1.524	7.05
16)		Acenaphthylene	1.305	1.281	1.422	1.730	1.719	1.684	1.635	1.539	12.82
17)		Acenaphthene	0.997	0.955	1.032	1.149	1.114	1.069	1.027	1.049	6.40
18)		Fluorene	1.178	1.149	1.272	1.480	1.406	1.350	1.282	1.302	9.14
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.005	0.004	0.007	0.014	0.020	0.035	0.042	0.018	84.49
21)		4-Bromophenyl-...	0.201	0.201	0.231	0.270	0.269	0.264	0.251	0.241	12.60
22)		Hexachlorobenzene	0.291	0.277	0.296	0.328	0.313	0.297	0.276	0.297	6.30
23)		Atrazine	0.105	0.103	0.125	0.168	0.188			0.138	27.73
24)		Pentachlorophenol		0.038	0.052	0.080	0.097	0.124	0.130	0.087	42.79
25)		Phenanthrene	1.001	0.964	1.048	1.183	1.140	1.094	1.012	1.063	7.45
26)		Anthracene	0.773	0.752	0.863	1.032	1.041	1.007	0.946	0.916	13.27
27)	SURR	Fluoranthene-d10	1.170	1.126	1.246	1.461	1.449	1.393	1.295	1.306	10.21
28)		Fluoranthene	1.142	1.115	1.263	1.455	1.395	1.285	1.194	1.264	10.01
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.243	1.189	1.269	1.409	1.313	1.275	1.221	1.274	5.62
31)	S	Terphenyl-d14	0.863	0.819	0.885	0.973	0.915	0.894	0.864	0.888	5.43
32)		Benzo(a)anthra...	0.978	0.937	1.081	1.321	1.292	1.317	1.258	1.169	14.24
33)		Chrysene	1.335	1.243	1.324	1.422	1.337	1.275	1.223	1.308	5.16
34)		Bis(2-ethylhex...	0.360	0.310	0.339	0.440	0.452			0.380	16.51
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	0.782	0.754	0.877	1.051	1.085	1.141	1.116	0.972	16.85
37)		Benzo(b)fluora...	1.178	1.090	1.261	1.509	1.453	1.394	1.326	1.316	11.41
38)		Benzo(k)fluora...	1.160	1.115	1.289	1.486	1.428	1.328	1.222	1.290	10.55
39)	C	Benzo(a)pyrene	1.052	0.996	1.085	1.284	1.252	1.229	1.164	1.152	9.55
40)		Dibenzo(a,h)an...	0.547	0.533	0.638	0.783	0.823	0.885	0.871	0.726	20.74
41)		Benzo(g,h,i)pe...	0.776	0.735	0.831	0.976	0.984	1.013	0.988	0.901	12.88

(#) = Out of Range