

Method Path : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\  
 Method File : 8270-SIM-BN113021.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Thu Dec 02 01:51:49 2021  
 Response Via : Initial Calibration

## Calibration Files

0.1 =BN017611.D 0.2 =BN017612.D 0.4 =BN017613.D 0.8 =BN017614.D 1.6 =BN017615.D 3.2 =BN017616.D 5 =BN017617.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	0.259	0.247	0.275	0.298	0.283	0.264	0.255	0.269	6.58
3) n-Nitrosodimet...	0.349	0.319	0.375	0.414	0.403	0.390	0.377	0.375	8.65
4) S 2-Fluorophenol	0.858	0.811	0.906	0.999	0.965	0.931	0.891	0.909	7.01
5) S Phenol-d6	0.850	0.813	0.935	1.060	1.049	1.025	0.988	0.960	10.19
6) bis(2-Chloroet...	1.078	1.029	1.141	1.243	1.170	1.108	1.027	1.114	7.04
7) I Naphthalene-d8	-----ISTD-----								
8) S Nitrobenzene-d5	0.148	0.136	0.159	0.192	0.214			0.170	19.01
9) Naphthalene	1.006	0.940	1.026	1.110	1.038	0.991	0.950	1.009	5.69
10) Hexachlorobuta...	0.280	0.261	0.282	0.306	0.282	0.275	0.261	0.278	5.59
11) SURR2-Methylnaphth...	0.658	0.633	0.710	0.779	0.736	0.704	0.667	0.698	7.15
12) 2-Methylnaphth...	0.630	0.611	0.693	0.750	0.698	0.658	0.620	0.666	7.60
13) I Acenaphthene-d10	-----ISTD-----								
14) S 2,4,6-Tribromo...		0.131	0.167	0.210	0.227	0.242	0.245	0.204	22.31
15) S 2-Fluorobiphenyl	1.442	1.463	1.599	1.731	1.615	1.564	1.485	1.557	6.56
16) Acenaphthylene	1.300	1.274	1.478	1.723	1.724	1.748	1.673	1.560	13.28
17) Acenaphthene	0.994	0.979	1.071	1.194	1.124	1.112	1.074	1.078	6.95
18) Fluorene	1.148	1.149	1.309	1.479	1.421	1.374	1.295	1.311	9.70
19) I Phenanthrene-d10	-----ISTD-----								
20) 4,6-Dinitro-2-...	0.013	0.011	0.017	0.023	0.033	0.051		0.025	61.28
21) 4-Bromophenyl-...	0.206	0.202	0.243	0.275	0.270	0.265	0.258	0.246	12.32
22) Hexachlorobenzene	0.293	0.277	0.307	0.332	0.308	0.293	0.277	0.298	6.56
23) Atrazine	0.085	0.083	0.111	0.147	0.170	0.186	0.186	0.138	32.78
24) Pentachlorophenol	0.059	0.051	0.077	0.102	0.122	0.140	0.150	0.100	39.40
25) Phenanthrene	1.042	1.003	1.112	1.234	1.141	1.097	1.051	1.097	6.97
26) Anthracene	0.775	0.765	0.918	1.068	1.057	1.031	0.984	0.943	13.61
27) SURRFluoranthene-d10	1.074	1.036	1.227	1.406	1.381	1.348	1.282	1.250	11.74
28) Fluoranthene	1.077	1.054	1.276	1.439	1.357	1.282	1.206	1.242	11.34
29) I Chrysene-d12	-----ISTD-----								
30) Pyrene	1.194	1.160	1.314	1.414	1.347	1.331	1.279	1.291	6.88
31) S Terphenyl-d14	0.791	0.768	0.895	0.965	0.927	0.913	0.881	0.877	8.22
32) Benzo(a)anthra...	1.010	0.976	1.178	1.342	1.346	1.357	1.295	1.215	13.45
33) Chrysene	1.305	1.236	1.366	1.448	1.347	1.312	1.239	1.322	5.63
34) Bis(2-ethylhex...	0.265	0.227	0.266	0.325	0.358			0.288	18.21
35) I Perylene-d12	-----ISTD-----								

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36)	Indeno(1,2,3-c...	1.162	1.116	1.310	1.445	1.391	1.363	1.304	1.299	9.23
37)	Benzo(b)fluora...	1.121	1.100	1.303	1.508	1.439	1.436	1.377	1.326	12.09
38)	Benzo(k)fluora...	1.251	1.218	1.394	1.558	1.439	1.365	1.295	1.360	8.64
39) C	Benzo(a)pyrene	1.023	1.034	1.175	1.332	1.273	1.258	1.218	1.187	9.99
40)	Dibenzo(a,h)an...	0.928	0.893	1.071	1.187	1.147	1.124	1.081	1.062	10.43
41)	Benzo(g,h,i)pe...	0.981	0.947	1.084	1.213	1.157	1.150	1.112	1.092	8.84

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(#) = Out of Range