

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
 Method File : 8270-SIM-BN062125.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 20 23:41:54 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN037353.D 0.2 =BN037354.D 0.4 =BN037355.D 0.8 =BN037356.D 1.6 =BN037357.D 3.2 =BN037358.D 5 =BN037359.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	0.506	0.390	0.412	0.417	0.370	0.346	0.407	13.63	
3)	n-Nitrosodimet...	0.392	0.394	0.367	0.391	0.354	0.338	0.373	6.37	
4) S	2-Fluorophenol	0.854	0.818	0.751	0.781	0.834	0.786	0.771	0.799	4.65
5) S	Phenol-d6	0.781	0.766	0.766	0.785	0.891	0.878	0.896	0.823	7.45
6)	bis(2-Chloroet...	0.719	0.546	0.707	0.738	0.826	0.786	0.791	0.730	12.59
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.254	0.292	0.319	0.318	0.363	0.354	0.361	0.323	12.43
9)	Naphthalene	1.056	1.056	1.046	1.014	1.105	1.052	1.063	1.056	2.54
10)	Hexachlorobuta...	0.452	0.434	0.441	0.407	0.424	0.384	0.376	0.417	6.95
11) SURR2	Methylnaphth...	0.619	0.638	0.666	0.610	0.666	0.664	0.675	0.648	3.96
12)	2-Methylnaphth...	0.703	0.692	0.711	0.704	0.777	0.778	0.787	0.736	5.73
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.219	0.226	0.230	0.231	0.253	0.238	0.246	0.235	4.96
15) S	2-Fluorobiphenyl	1.705	1.675	1.777	1.714	1.897	1.752	1.778	1.757	4.15
16)	Acenaphthylene	1.646	1.636	1.597	1.595	1.797	1.717	1.786	1.682	5.06
17)	Acenaphthene	1.108	1.070	1.061	1.051	1.174	1.123	1.160	1.107	4.40
18)	Fluorene	1.499	1.470	1.506	1.490	1.660	1.605	1.660	1.556	5.34
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.070	0.079	0.097	0.110	0.107	0.114	0.096	18.63	
21)	4-Bromophenyl-...	0.264	0.267	0.279	0.284	0.305	0.295	0.299	0.285	5.55
22)	Hexachlorobenzene	0.322	0.319	0.314	0.304	0.324	0.296	0.292	0.310	4.11
23)	Atrazine	0.221	0.215	0.218	0.220	0.239	0.239	0.238	0.227	4.74
24)	Pentachlorophenol	0.131	0.137	0.157	0.169	0.161	0.170	0.154	10.69	
25)	Phenanthrene	1.108	1.075	1.104	1.139	1.242	1.221	1.222	1.158	5.88
26)	Anthracene	0.993	0.984	0.990	1.054	1.150	1.137	1.171	1.068	7.75
27) SURR	Fluoranthene-d10	1.097	1.070	1.161	1.166	1.235	1.151	1.158	1.148	4.62
28)	Fluoranthene	1.412	1.343	1.367	1.492	1.605	1.512	1.518	1.464	6.39
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	1.726	1.690	1.660	1.444	1.572	1.642	1.643	1.625	5.73
31) S	Terphenyl-d14	0.949	0.911	0.925	0.829	0.909	0.935	0.921	0.912	4.25
32)	Benzo(a)anthra...	1.309	1.168	1.216	1.278	1.431	1.372	1.429	1.315	7.76
33)	Chrysene	1.752	1.706	1.611	1.481	1.586	1.528	1.495	1.594	6.52
34)	Bis(2-ethylhex...	0.606	0.541	0.487	0.520	0.531	0.554	0.540	7.34	
35) I	Perylene-d12	-----ISTD-----								

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36)	Indeno(1,2,3-c...	1.741	1.715	1.695	1.761	1.974	1.819	1.856	1.794	5.42
37)	Benzo(b)fluora...	1.428	1.380	1.444	1.392	1.541	1.532	1.587	1.472	5.50
38)	Benzo(k)fluora...	1.576	1.593	1.569	1.466	1.671	1.617	1.686	1.597	4.59
39) C	Benzo(a)pyrene	1.320	1.249	1.274	1.247	1.399	1.348	1.395	1.319	4.90
40)	Dibenzo(a,h)an...	1.179	1.185	1.236	1.355	1.561	1.446	1.478	1.348	11.32
41)	Benzo(g,h,i)pe...	1.620	1.554	1.589	1.560	1.720	1.577	1.598	1.603	3.53

(#) = Out of Range