

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
 Method File : 8270-SIM-BN082922.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Aug 29 16:30:43 2022
 Response Via : Initial Calibration

Calibration Files

0.1 =BN021417.D 0.2 =BN021418.D 0.4 =BN021419.D 0.8 =BN021420.D 1.6 =BN021421.D 3.2 =BN021422.D 5.0 =BN021423.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	0.469	0.656	0.467	0.494	0.495	0.470	0.450	0.500	14.11
3) n-Nitrosodimet...	0.349	0.559	0.417	0.448	0.477	0.458	0.447	0.451	13.99
4) S 2-Fluorophenol	0.751	0.978	0.724	0.714	0.771	0.757	0.787	0.783	11.45
5) S Phenol-d6	0.924	1.200	0.899	0.897	0.997	1.009	1.057	0.998	10.83
6) bis(2-Chloroet...	1.213	1.621	1.183	1.223	1.237	1.174	1.136	1.256	13.12
7) I Naphthalene-d8	-----ISTD-----								
8) S Nitrobenzene-d5	0.240	0.325	0.238	0.246	0.272	0.275	0.296	0.270	11.91
9) Naphthalene	1.121	1.499	1.095	1.119	1.175	1.139	1.147	1.185	11.87
10) Hexachlorobuta...	0.198	0.262	0.192	0.195	0.201	0.193	0.195	0.205	12.25
11) SURR2-Methylnaphth...	0.796	1.099	0.787	0.852	0.919	0.920	0.939	0.902	11.79
12) 2-Methylnaphth...	0.113	0.167	0.124	0.133	0.169	0.194		0.150	20.98
13) I Acenaphthene-d10	-----ISTD-----								
14) S 2,4,6-Tribromo...	0.137	0.101	0.109	0.131	0.144	0.166	0.131		17.98
15) S 2-Fluorobiphenyl	1.689	2.260	1.641	1.664	1.710	1.631	1.646	1.749	12.99
16) Acenaphthylene	1.609	2.191	1.618	1.720	1.955	1.978	2.077	1.878	12.27
17) Acenaphthene	1.201	1.646	1.185	1.251	1.328	1.301	1.338	1.321	11.71
18) Fluorene	1.473	2.040	1.460	1.551	1.652	1.596	1.641	1.630	12.00
19) I Phenanthrene-d10	-----ISTD-----								
20) 4,6-Dinitro-2-...								0.000	-1.00
21) 4-Bromophenyl-...	0.222	0.300	0.221	0.233	0.255	0.257	0.264	0.250	11.20
22) Hexachlorobenzene	0.289	0.389	0.278	0.288	0.303	0.297	0.299	0.306	12.22
23) Atrazine	0.118	0.158	0.116	0.125	0.150	0.167	0.189	0.146	18.99
24) Pentachlorophenol	0.059	0.048	0.057	0.074	0.088			0.065	24.05
25) Phenanthrene	1.252	1.695	1.248	1.303	1.394	1.379	1.394	1.381	11.05
26) Anthracene	0.912	1.246	0.925	1.002	1.145	1.196	1.252	1.097	13.47
27) SURRFluoranthene-d10	0.907	1.209	0.881	0.950	1.050	1.075	1.128	1.028	11.75
28) Fluoranthene	1.195	1.672	1.233	1.359	1.512	1.530	1.541	1.435	12.30
29) I Chrysene-d12	-----ISTD-----								
30) Pyrene	2.106	2.853	2.022	1.983	2.012	1.946	2.000	2.132	15.09
31) S Terphenyl-d14	0.886	1.199	0.873	0.841	0.867	0.795	0.832	0.899	15.12
32) Benzo(a)anthra...	1.268	1.668	1.205	1.262	1.393	1.437	1.519	1.393	11.79
33) Chrysene	1.613	2.148	1.521	1.575	1.609	1.582	1.569	1.659	13.10
34) Bis(2-ethylhex...	0.579	0.715	0.484	0.472	0.493	0.540	0.645	0.561	16.28
35) I Perylene-d12	-----ISTD-----								

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36)	Indeno(1,2,3-c...	1.539	2.106	1.534	1.697	1.845	1.916	2.003	1.806	12.38
37)	Benzo(b)fluora...	1.733	2.409	1.755	1.850	2.013	1.999	2.041	1.972	11.66
38)	Benzo(k)fluora...	1.651	2.341	1.758	1.877	2.115	2.058	2.092	1.984	11.92
39) C	Benzo(a)pyrene	1.165	1.587	1.159	1.262	1.428	1.478	1.552	1.376	13.05
40)	Dibenzo(a,h)an...	1.207	1.666	1.233	1.388	1.515	1.552	1.615	1.454	12.52
41)	Benzo(g,h,i)pe...	1.458	1.959	1.385	1.511	1.594	1.587	1.666	1.595	11.67

(#) = Out of Range