Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN091823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Sep 18 14:40:21 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN027727.D 0.2 =BN027728.D 0.4 =BN027729.D 0.8 =BN027730.D 1.6 =BN027731.D 3.2 =BN027732.D 5.0 =BN027733.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	0.490	0.510	0.521	0.479	0.399	0.438	0.434	0.467	9.51
3)		n-Nitrosodimet...	0.593	0.595	0.625	0.612	0.498	0.543	0.546	0.573	7.93
4)	S	2-Fluorophenol	1.285	1.193	1.086	1.100	0.835	0.909	0.927	1.048	15.63
5)	S	Phenol-d6	1.472	1.380	1.274	1.331	1.042	1.194	1.274	1.281	10.74
6)		bis(2-Chloroet...	1.317	1.300	1.372	1.307	1.082	1.209	1.224	1.259	7.63
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.353	0.314	0.331	0.328	0.276	0.319	0.351	0.325	8.00
9)		Naphthalene	1.132	1.101	1.174	1.122	0.944	1.086	1.154	1.102	6.87
10)		Hexachlorobuta...	0.198	0.198	0.204	0.194	0.163	0.181	0.190	0.190	7.36
11)	SURR	2-Methylnaphth...	0.571	0.570	0.624	0.598	0.518	0.603	0.643	0.590	6.98
12)		2-Methylnaphth...	0.736	0.740	0.808	0.798	0.679	0.793	0.850	0.772	7.40
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.221	0.194	0.182	0.182	0.151	0.173	0.205	0.187	12.08
15)	S	2-Fluorobiphenyl	1.358	1.251	1.369	1.378	1.232	1.395	1.554	1.362	7.79
16)		Acenaphthylene	1.611	1.595	1.733	1.694	1.502	1.778	2.006	1.703	9.56
17)		Acenaphthene	1.186	1.137	1.273	1.196	1.041	1.176	1.272	1.183	6.76
18)		Fluorene	1.748	1.704	1.892	1.783	1.533	1.718	1.832	1.744	6.54
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.008	0.006	0.006	0.006	0.005	0.006	0.006	0.006	15.28
21)		4-Bromophenyl-...	0.195	0.191	0.207	0.205	0.182	0.213	0.230	0.203	7.91
22)		Hexachlorobenzene	0.230	0.224	0.238	0.230	0.198	0.232	0.246	0.228	6.62
23)		Atrazine	0.159	0.162	0.165	0.162	0.141	0.174	0.192	0.165	9.46
24)		Pentachlorophenol	0.127	0.103	0.105	0.092	0.117	0.135	0.113	14.35	
25)		Phenanthrene	1.152	1.149	1.200	1.165	1.014	1.187	1.278	1.164	6.81
26)		Anthracene	0.921	0.938	1.019	1.004	0.879	1.074	1.181	1.002	10.24
27)	SURR	Fluoranthene-d10	1.131	1.122	1.166	1.116	0.973	1.120	1.200	1.118	6.36
28)		Fluoranthene	1.497	1.512	1.574	1.525	1.343	1.551	1.665	1.524	6.38
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.381	1.349	1.444	1.405	1.165	1.338	1.467	1.364	7.29
31)	S	Terphenyl-d14	0.861	0.749	0.757	0.761	0.627	0.708	0.793	0.751	9.64
32)		Benzo(a)anthra...	1.431	1.431	1.465	1.457	1.228	1.430	1.569	1.430	7.12
33)		Chrysene	1.528	1.521	1.634	1.550	1.297	1.473	1.606	1.515	7.28
34)		Bis(2-ethylhex...	0.818	0.675	0.645	0.601	0.526	0.662	0.787	0.673	15.06
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.641	1.689	1.767	1.851	1.608	1.968	2.131	1.808	10.49
37)		Benzo(b)fluora...	1.414	1.403	1.482	1.539	1.304	1.527	1.725	1.485	8.99
38)		Benzo(k)fluora...	1.423	1.440	1.509	1.584	1.323	1.584	1.735	1.514	8.90
39)	C	Benzo(a)pyrene	1.319	1.328	1.361	1.453	1.259	1.513	1.644	1.411	9.49
40)		Dibenzo(a,h)an...	1.323	1.388	1.446	1.520	1.320	1.615	1.738	1.479	10.54
41)		Benzo(g,h,i)pe...	1.506	1.557	1.618	1.649	1.433	1.670	1.825	1.608	7.87

(#) = Out of Range