Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN051322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed May 18 07:42:52 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN019751.D 0.2 =BN019752.D 0.4 =BN019753.D 0.8 =BN019754.D 1.6 =BN019755.D 3.2 =BN019756.D 5.0 =BN019757.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	0.513	0.472	0.471	0.503	0.491	0.448	0.425	0.475	6.54
3)		n-Nitrosodimet...	0.469	0.497	0.508	0.568	0.560	0.523	0.514	0.520	6.64
4)	S	2-Fluorophenol	1.086	1.064	0.996	1.025	0.999	0.921	0.914	1.001	6.56
5)	S	Phenol-d6	1.278	1.324	1.218	1.279	1.264	1.202	1.213	1.254	3.55
6)		bis(2-Chloroet...	1.246	1.238	1.218	1.310	1.249	1.166	1.117	1.221	5.13
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.299	0.290	0.282	0.311	0.308	0.303	0.323	0.302	4.55
9)		Naphthalene	1.255	1.203	1.180	1.287	1.238	1.169	1.170	1.215	3.81
10)		Hexachlorobuta...	0.237	0.221	0.215	0.233	0.223	0.210	0.207	0.221	5.07
11)	SURR	2-Methylnaphth...	0.700	0.668	0.672	0.743	0.717	0.687	0.689	0.696	3.76
12)		2-Methylnaphth...	0.827	0.800	0.797	0.886	0.857	0.814	0.810	0.827	3.97
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.149	0.153	0.140	0.155	0.160	0.167	0.182	0.158	8.60
15)	S	2-Fluorobiphenyl	1.830	1.824	1.707	1.818	1.757	1.649	1.640	1.746	4.71
16)		Acenaphthylene	1.757	1.697	1.687	1.926	1.975	1.982	2.110	1.876	8.70
17)		Acenaphthene	1.411	1.351	1.336	1.448	1.418	1.372	1.377	1.388	2.87
18)		Fluorene	1.802	1.725	1.687	1.835	1.803	1.720	1.708	1.754	3.28
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.046	0.051	0.053	0.064	0.073			0.057	18.66
21)		4-Bromophenyl-...	0.242	0.237	0.232	0.254	0.252	0.246	0.247	0.244	3.20
22)		Hexachlorobenzene	0.281	0.271	0.259	0.278	0.278	0.266	0.264	0.271	3.07
23)		Atrazine	0.145	0.148	0.141	0.156	0.164	0.172	0.190	0.159	10.69
24)		Pentachlorophenol	0.095	0.091	0.085	0.101	0.108	0.118	0.134	0.105	16.22
25)		Phenanthrene	1.436	1.402	1.332	1.418	1.409	1.353	1.344	1.385	2.95
26)		Anthracene	1.125	1.115	1.087	1.203	1.218	1.210	1.239	1.171	5.13
27)	SURR	Fluoranthene-d10	1.119	1.068	1.072	1.172	1.184	1.161	1.178	1.137	4.40
28)		Fluoranthene	1.426	1.423	1.405	1.544	1.571	1.517	1.505	1.484	4.43
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.819	1.772	1.651	1.757	1.693	1.576	1.608	1.697	5.30
31)	S	Terphenyl-d14	1.064	1.055	0.923	0.955	0.917	0.843	0.846	0.943	9.48
32)		Benzo(a)anthra...	1.424	1.398	1.380	1.501	1.521	1.451	1.529	1.458	4.12
33)		Chrysene	1.733	1.672	1.604	1.694	1.647	1.560	1.532	1.635	4.46
34)		Bis(2-ethylhex...	0.674	0.598	0.539	0.572	0.566	0.591	0.710	0.607	10.18
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.785	1.806	1.746	1.997	1.965	1.919	1.894	1.873	5.09
37)		Benzo(b)fluora...	1.772	1.658	1.677	1.823	1.797	1.725	1.770	1.746	3.52
38)		Benzo(k)fluora...	1.784	1.797	1.778	1.921	1.977	1.842	1.875	1.853	4.06
39)	C	Benzo(a)pyrene	1.312	1.272	1.282	1.438	1.432	1.416	1.466	1.374	5.98
40)		Dibenzo(a,h)an...	1.405	1.446	1.405	1.630	1.603	1.554	1.526	1.510	6.13
41)		Benzo(g,h,i)pe...	1.570	1.455	1.444	1.638	1.614	1.578	1.570	1.553	4.81

(#) = Out of Range