Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270-SIM-BP073021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jul 30 18:59:15 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BP006438.D 0.2 =BP006439.D 0.4 =BP006440.D 0.8 =BP006441.D 1.6 =BP006442.D 3.2 =BP006443.D 5.0 =BP006444.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	0.535	0.559	0.500	0.406	0.431	0.410	0.356	0.457	16.47
3)		n-Nitrosodimet...	0.597	0.551	0.636	0.676	0.591	0.585	0.476	0.588	10.76
4)	S	2-Fluorophenol	1.452	1.133	1.098	1.142	1.206	1.069	1.011	1.159	12.36
5)	S	Phenol-d6	2.066	1.671	1.646	1.622	1.622	1.651	1.581	1.694	9.83
6)		bis(2-Chloroet...	1.639	1.524	1.518	1.480	1.406	1.353	1.244	1.452	8.90
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.519	0.460	0.390	0.399	0.419	0.420	0.407	0.431	10.46
9)		Naphthalene	1.230	1.135	1.093	1.112	1.169	1.131	1.109	1.140	4.10
10)		Hexachlorobuta...	0.204	0.188	0.188	0.187	0.193	0.190	0.181	0.190	3.79
11)	SURR	2-Methylnaphth...	0.572	0.550	0.534	0.556	0.581	0.562	0.556	0.559	2.70
12)		2-Methylnaphth...	0.785	0.718	0.693	0.720	0.758	0.733	0.724	0.733	4.11
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.226	0.172	0.160	0.176	0.184	0.188	0.185	0.184	11.18
15)	S	2-Fluorobiphenyl	2.056	1.820	1.541	1.604	1.606	1.612	1.490	1.675	11.74
16)		Acenaphthylene	1.853	1.737	1.652	1.840	1.914	2.082	1.967	1.864	7.67
17)		Acenaphthene	1.488	1.342	1.246	1.359	1.394	1.426	1.337	1.370	5.56
18)		Fluorene	1.835	1.545	1.493	1.617	1.647	1.655	1.528	1.617	7.07
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.087	0.080	0.076	0.088	0.094	0.102	0.106	0.091	12.33
21)		4-Bromophenyl-...	0.263	0.248	0.231	0.257	0.256	0.262	0.261	0.254	4.51
22)		Hexachlorobenzene	0.289	0.264	0.244	0.283	0.279	0.282	0.273	0.274	5.60
23)		Atrazine	0.237	0.208	0.189	0.220	0.218	0.236	0.237	0.221	8.09
24)		Pentachlorophenol	0.143	0.127	0.113	0.126	0.128	0.142	0.140	0.132	8.43
25)		Phenanthrene	1.401	1.273	1.183	1.341	1.372	1.382	1.312	1.324	5.72
26)		Anthracene	1.249	1.133	1.038	1.196	1.225	1.294	1.293	1.204	7.67
27)	SURR	Fluoranthene-d10	1.142	1.084	0.998	1.115	1.150	1.141	1.109	1.105	4.78
28)		Fluoranthene	1.764	1.498	1.355	1.526	1.570	1.573	1.513	1.543	7.91
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.102	1.831	1.690	1.731	1.715	1.804	1.693	1.795	8.13
31)	S	Terphenyl-d14	0.992	0.899	0.809	0.838	0.828	0.847	0.803	0.860	7.75
32)		Benzo(a)anthra...	1.697	1.556	1.479	1.516	1.607	1.594	1.485	1.562	4.96
33)		Chrysene	1.774	1.595	1.519	1.557	1.596	1.587	1.519	1.592	5.45
34)		Bis(2-ethylhex...	1.258	1.136	1.113	1.091	1.132	1.170	1.150	5.13	
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	2.065	1.876	1.712	1.889	1.966	1.971	1.888	1.910	5.74
37)		Benzo(b)fluora...	1.968	1.777	1.645	1.833	1.803	1.778	1.732	1.791	5.52
38)		Benzo(k)fluora...	1.856	1.670	1.605	1.694	1.797	1.774	1.728	1.732	4.89
39)	C	Benzo(a)pyrene	1.591	1.441	1.387	1.492	1.549	1.557	1.525	1.506	4.75
40)		Dibenzo(a,h)an...	1.750	1.577	1.444	1.590	1.657	1.663	1.578	1.609	5.95
41)		Benzo(g,h,i)pe...	1.874	1.676	1.519	1.650	1.699	1.684	1.607	1.673	6.44

(#) = Out of Range