Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN022222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Feb 22 16:23:51 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN018672.D 0.2 =BN018673.D 0.4 =BN018674.D 0.8 =BN018675.D 1.6 =BN018676.D 3.2 =BN018677.D 5 =BN018678.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	0.425	0.463	0.472	0.530	0.478	0.451	0.433	0.464	7.47
3)		n-Nitrosodimet...	0.394	0.383	0.455	0.529	0.503	0.485	0.476	0.461	11.78
4)	S	2-Fluorophenol	0.904	0.883	0.889	0.989	0.928	0.919	0.897	0.916	3.96
5)	S	Phenol-d6	1.018	0.979	0.990	1.134	1.093	1.080	1.076	1.053	5.51
6)		bis(2-Chloroet...	1.061	1.048	1.046	1.212	1.138	1.052	1.019	1.082	6.27
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.275	0.287	0.276	0.325	0.319	0.333	0.351	0.309	9.73
9)		Naphthalene	1.102	1.127	1.101	1.257	1.187	1.150	1.156	1.154	4.75
10)		Hexachlorobuta...	0.270	0.275	0.268	0.303	0.282	0.272	0.274	0.278	4.32
11)	SURR	2-Methylnaphth...	0.571	0.573	0.568	0.658	0.629	0.608	0.614	0.603	5.67
12)		2-Methylnaphth...	0.817	0.779	0.674	0.837	0.790	0.755	0.757	0.773	6.82
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.124	0.130	0.141	0.168	0.177	0.198		0.156	18.79
15)	S	2-Fluorobiphenyl	1.840	1.909	1.825	2.057	1.923	1.831	1.888	1.896	4.26
16)		Acenaphthylene	1.692	1.718	1.673	1.985	2.000	2.058	2.156	1.898	10.45
17)		Acenaphthene	1.232	1.229	1.223	1.404	1.352	1.349	1.378	1.310	6.00
18)		Fluorene	1.454	1.463	1.477	1.703	1.634	1.649	1.659	1.577	6.81
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.033	0.042	0.052	0.065	0.073	0.087		0.059	34.56
21)		4-Bromophenyl-...	0.258	0.256	0.262	0.315	0.301	0.293	0.303	0.284	8.66
22)		Hexachlorobenzene	0.339	0.347	0.341	0.392	0.365	0.352	0.354	0.356	5.13
23)		Atrazine	0.129	0.137	0.137	0.164	0.163	0.177	0.192	0.157	14.95
24)		Pentachlorophenol	0.054	0.048	0.068	0.081	0.091	0.111		0.075	31.46
25)		Phenanthrene	1.247	1.253	1.252	1.452	1.385	1.388	1.394	1.339	6.39
26)		Anthracene	1.007	1.004	1.027	1.206	1.182	1.240	1.270	1.134	10.29
27)	SURR	Fluoranthene-d10	0.935	0.983	1.012	1.172	1.104	1.204	1.191	1.086	10.07
28)		Fluoranthene	1.198	1.251	1.287	1.524	1.448	1.562	1.525	1.399	10.72
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.845	1.740	1.703	1.915	1.818	1.721	1.759	1.786	4.27
31)	S	Terphenyl-d14	0.879	0.862	0.839	0.934	0.882	0.834	0.845	0.868	3.98
32)		Benzo(a)anthra...	1.408	1.419	1.411	1.634	1.551	1.580	1.614	1.517	6.64
33)		Chrysene	1.673	1.643	1.620	1.862	1.712	1.661	1.676	1.693	4.73
34)		Bis(2-ethylhex...	0.595	0.598	0.569	0.631	0.584	0.633	0.705	0.616	7.40
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN022222.M

36)		Indeno(1,2,3-c...	1.949	1.980	1.934	2.309	2.190	2.193	2.230	2.112	7.26
37)		Benzo(b)fluora...	1.674	1.740	1.686	2.001	1.878	1.868	1.874	1.817	6.63
38)		Benzo(k)fluora...	1.627	1.634	1.656	1.987	1.878	1.895	1.934	1.802	8.66
39)	C	Benzo(a)pyrene	1.336	1.347	1.325	1.548	1.507	1.525	1.555	1.449	7.39
40)		Dibenzo(a,h)an...	1.502	1.510	1.499	1.814	1.724	1.726	1.754	1.647	8.33
41)		Benzo(g,h,i)pe...	1.706	1.719	1.659	1.988	1.860	1.847	1.870	1.807	6.44

(#) = Out of Range