Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 10 01:35:26 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN019705.D 0.2 =BN019706.D 0.4 =BN019707.D 0.8 =BN019708.D 1.6 =BN019709.D 3.2 =BN019710.D 5.0 =BN019711.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	0.566	0.536	0.518	0.539	0.521	0.458	0.433	0.510	9.27
3)		n-Nitrosodimet...	0.530	0.485	0.485	0.557	0.545	0.534	0.532	0.524	5.39
4)	S	2-Fluorophenol	1.007	0.887	0.923	0.913	0.874	0.847	0.881	0.905	5.72
5)	S	Phenol-d6	1.225	1.076	1.111	1.149	1.114	1.116	1.185	1.139	4.47
6)		bis(2-Chloroet...	1.252	1.195	1.241	1.324	1.268	1.177	1.129	1.226	5.27
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.322	0.319	0.335	0.343	0.337	0.335	0.349	0.334	3.18
9)		Naphthalene	1.248	1.193	1.205	1.280	1.249	1.193	1.181	1.221	3.08
10)		Hexachlorobuta...	0.242	0.231	0.228	0.239	0.231	0.216	0.212	0.228	4.86
11)	SURR	2-Methylnaphth...	0.678	0.662	0.657	0.713	0.710	0.686	0.686	0.685	3.14
12)		2-Methylnaphth...	0.818	0.787	0.797	0.860	0.850	0.815	0.804	0.819	3.32
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.127	0.125	0.129	0.138	0.147	0.162	0.188	0.145	15.86
15)	S	2-Fluorobiphenyl	1.857	1.828	1.846	1.886	1.825	1.707	1.683	1.805	4.30
16)		Acenaphthylene	1.884	1.864	1.865	2.056	2.106	2.123	2.196	2.013	6.94
17)		Acenaphthene	1.393	1.357	1.352	1.466	1.444	1.395	1.428	1.405	3.06
18)		Fluorene	1.816	1.732	1.713	1.851	1.854	1.760	1.762	1.784	3.16
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.048	0.048	0.051	0.062	0.069			0.055	17.02
21)		4-Bromophenyl-...	0.272	0.252	0.248	0.270	0.268	0.262	0.263	0.262	3.45
22)		Hexachlorobenzene	0.310	0.294	0.284	0.313	0.306	0.289	0.287	0.298	3.92
23)		Atrazine	0.156	0.144	0.140	0.155	0.159	0.172	0.199	0.161	12.49
24)		Pentachlorophenol	0.085	0.078	0.081	0.090	0.095	0.110		0.090	13.05
25)		Phenanthrene	1.453	1.385	1.347	1.463	1.459	1.400	1.411	1.417	3.08
26)		Anthracene	1.119	1.073	1.074	1.195	1.217	1.235	1.286	1.171	7.13
27)	SURR	Fluoranthene-d10	1.128	1.083	1.067	1.177	1.199	1.189	1.232	1.154	5.38
28)		Fluoranthene	1.440	1.387	1.405	1.569	1.618	1.574	1.590	1.512	6.44
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.798	1.732	1.657	1.762	1.702	1.636	1.621	1.701	3.94
31)	S	Terphenyl-d14	0.991	0.954	0.943	0.969	0.925	0.868	0.856	0.930	5.44
32)		Benzo(a)anthra...	1.413	1.351	1.322	1.486	1.485	1.512	1.559	1.447	6.04
33)		Chrysene	1.777	1.690	1.648	1.783	1.719	1.610	1.592	1.688	4.52
34)		Bis(2-ethylhex...	0.735	0.664	0.584	0.599	0.557	0.629	0.786	0.651	12.83
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.781	1.952	1.951	2.173	2.169	2.080	2.073	2.025	6.93
37)		Benzo(b)fluora...	1.717	1.755	1.661	1.938	1.826	1.864	1.814	1.796	5.18
38)		Benzo(k)fluora...	1.711	1.748	1.823	2.013	1.971	1.919	1.884	1.867	6.00
39)	C	Benzo(a)pyrene	1.331	1.265	1.223	1.464	1.451	1.485	1.505	1.389	8.23
40)		Dibenzo(a,h)an...	1.426	1.592	1.608	1.806	1.793	1.700	1.674	1.657	7.91
41)		Benzo(g,h,i)pe...	1.594	1.715	1.617	1.879	1.796	1.745	1.742	1.727	5.71

(#) = Out of Range