Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN080724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 08 04:39:01 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN033289.D 0.2 =BN033290.D 0.4 =BN033291.D 0.8 =BN033292.D 1.6 =BN033293.D 3.2 =BN033294.D 5.0 =BN033295.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	0.444	0.461	0.454	0.469	0.457	0.410	0.405	0.443	5.70
3)		n-Nitrosodimet...	0.537	0.557	0.554	0.619	0.592	0.542	0.541	0.563	5.46
4)	S	2-Fluorophenol	1.094	1.072	1.080	1.127	1.075	0.963	0.960	1.053	6.19
5)	S	Phenol-d6	1.481	1.425	1.451	1.569	1.494	1.335	1.321	1.439	6.12
6)		bis(2-Chloroet...	1.243	1.192	1.242	1.321	1.287	1.164	1.168	1.231	4.86
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.251	0.231	0.233	0.259	0.256	0.238	0.242	0.244	4.64
9)		Naphthalene	1.132	1.094	1.121	1.193	1.159	1.081	1.082	1.123	3.76
10)		Hexachlorobuta...	0.211	0.204	0.205	0.219	0.212	0.197	0.196	0.206	4.04
11)	SURR	2-Methylnaphth...	0.638	0.607	0.624	0.659	0.642	0.596	0.597	0.623	3.87
12)		2-Methylnaphth...	0.772	0.752	0.776	0.823	0.803	0.748	0.744	0.774	3.83
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.171	0.157	0.163	0.164	0.159	0.155	0.164	0.162	3.31
15)	S	2-Fluorobiphenyl	1.502	1.425	1.559	1.598	1.551	1.460	1.453	1.507	4.26
16)		Acenaphthylene	1.921	1.830	2.028	2.072	2.022	1.895	1.901	1.953	4.52
17)		Acenaphthene	1.211	1.161	1.274	1.323	1.277	1.215	1.213	1.239	4.39
18)		Fluorene	1.681	1.578	1.699	1.742	1.690	1.599	1.599	1.656	3.78
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.024	0.024	0.026	0.030	0.030	0.032	0.035	0.029	14.59
21)		4-Bromophenyl-...	0.248	0.236	0.242	0.255	0.252	0.233	0.235	0.243	3.55
22)		Hexachlorobenzene	0.255	0.244	0.252	0.275	0.264	0.246	0.249	0.255	4.32
23)		Atrazine	0.202	0.192	0.198	0.210	0.206	0.194	0.202	0.201	3.13
24)		Pentachlorophenol	0.074	0.079	0.085	0.093	0.097	0.096	0.103	0.089	11.88
25)		Phenanthrene	1.160	1.112	1.166	1.211	1.190	1.125	1.139	1.158	3.07
26)		Anthracene	1.134	1.076	1.113	1.185	1.167	1.101	1.106	1.126	3.42
27)	SURR	Fluoranthene-d10	1.119	1.062	1.089	1.150	1.130	1.073	1.081	1.101	2.96
28)		Fluoranthene	1.463	1.392	1.442	1.528	1.527	1.430	1.437	1.460	3.47
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.605	1.537	1.579	1.685	1.617	1.496	1.496	1.573	4.39
31)	S	Terphenyl-d14	0.718	0.686	0.692	0.735	0.703	0.648	0.647	0.690	4.81
32)		Benzo(a)anthra...	1.606	1.492	1.529	1.635	1.592	1.504	1.517	1.553	3.63
33)		Chrysene	1.533	1.468	1.500	1.601	1.532	1.454	1.442	1.504	3.71
34)		Bis(2-ethylhex...	0.879	0.799	0.765	0.799	0.789	0.785	0.817	0.805	4.55
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.697	1.611	1.683	1.872	1.857	1.766	1.761	1.750	5.39
37)		Benzo(b)fluora...	1.443	1.407	1.467	1.584	1.541	1.464	1.499	1.486	4.04
38)		Benzo(k)fluora...	1.370	1.384	1.405	1.546	1.534	1.425	1.444	1.444	4.85
39)	C	Benzo(a)pyrene	1.287	1.246	1.282	1.406	1.388	1.307	1.331	1.321	4.41
40)		Dibenzo(a,h)an...	1.337	1.269	1.335	1.484	1.472	1.392	1.387	1.382	5.57
41)		Benzo(g,h,i)pe...	1.460	1.402	1.452	1.606	1.593	1.511	1.499	1.503	4.96

(#) = Out of Range