Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN052623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 01 02:17:44 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN025604.D 0.2 =BN025605.D 0.4 =BN025606.D 0.8 =BN025607.D 1.6 =BN025608.D 3.2 =BN025609.D 5.0 =BN025610.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	0.520	0.490	0.493	0.497	0.397	0.429	0.417	0.463	10.28
3)		n-Nitrosodimet...	0.459	0.493	0.482	0.526	0.460	0.532	0.540	0.499	6.85
4)	S	2-Fluorophenol	1.225	1.164	1.047	1.073	0.827	0.914	0.925	1.025	14.00
5)	S	Phenol-d6	1.342	1.313	1.217	1.281	1.028	1.179	1.243	1.229	8.52
6)		bis(2-Chloroet...	1.446	1.529	1.289	1.274	1.042	1.133	1.142	1.265	13.90
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.337	0.325	0.322	0.340	0.294	0.344	0.381	0.335	7.90
9)		Naphthalene	1.132	1.112	1.104	1.129	0.953	1.080	1.149	1.094	6.05
10)		Hexachlorobuta...	0.208	0.195	0.197	0.193	0.163	0.182	0.191	0.190	7.48
11)	SURR	2-Methylnaphth...	0.580	0.564	0.561	0.581	0.507	0.575	0.627	0.571	6.26
12)		2-Methylnaphth...	0.761	0.744	0.736	0.765	0.673	0.763	0.825	0.753	5.99
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.088	0.076	0.062	0.088	0.090		0.081		14.91
15)	S	2-Fluorobiphenyl	1.683	1.689	1.667	1.703	1.429	1.610	1.774	1.651	6.60
16)		Acenaphthylene	1.783	1.811	1.866	1.896	1.664	1.986	2.214	1.889	9.26
17)		Acenaphthene	1.219	1.250	1.260	1.270	1.072	1.247	1.387	1.244	7.47
18)		Fluorene	1.632	1.631	1.644	1.676	1.449	1.654	1.827	1.645	6.70
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.034	0.037	0.052	0.059	0.083	0.101	0.061		43.42
21)		4-Bromophenyl-...	0.226	0.222	0.231	0.231	0.201	0.231	0.248	0.227	6.24
22)		Hexachlorobenzene	0.214	0.214	0.215	0.212	0.177	0.203	0.218	0.208	6.79
23)		Atrazine	0.179	0.173	0.178	0.181	0.159	0.186	0.212	0.181	8.80
24)		Pentachlorophenol	0.001	0.003	0.013	0.030	0.061	0.087	0.032		107.27
25)		Phenanthrene	1.201	1.207	1.231	1.250	1.073	1.236	1.325	1.218	6.23
26)		Anthracene	1.007	1.054	1.084	1.117	0.987	1.169	1.289	1.101	9.43
27)	SURR	Fluoranthene-d10	0.920	0.888	0.883	0.907	0.793	0.915	1.038	0.906	7.98
28)		Fluoranthene	1.337	1.286	1.276	1.337	1.178	1.364	1.514	1.327	7.73
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.873	2.027	2.149	2.068	1.662	1.925	1.925	1.947	8.12
31)	S	Terphenyl-d14	0.974	0.903	0.917	0.909	0.736	0.833	0.858	0.876	8.71
32)		Benzo(a)anthra...	1.460	1.428	1.502	1.523	1.316	1.542	1.658	1.490	7.09
33)		Chrysene	1.669	1.654	1.629	1.666	1.419	1.598	1.681	1.617	5.66
34)		Bis(2-ethylhex...	1.103	0.950	0.862	0.859	0.762	0.833	0.982	0.907	12.50
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.517	1.434	1.589	1.598	1.335	1.563	1.705	1.534	7.84
37)		Benzo(b)fluora...	1.394	1.487	1.500	1.562	1.382	1.628	1.706	1.523	7.80
38)		Benzo(k)fluora...	1.416	1.491	1.650	1.663	1.426	1.677	1.779	1.586	8.89
39)	C	Benzo(a)pyrene	1.345	1.358	1.500	1.502	1.310	1.526	1.644	1.455	8.29
40)		Dibenzo(a,h)an...	1.184	1.122	1.236	1.287	1.056	1.251	1.366	1.215	8.54
41)		Benzo(g,h,i)pe...	1.448	1.333	1.478	1.460	1.181	1.350	1.455	1.386	7.70

(#) = Out of Range