Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN050421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 04 19:13:12 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014526.D 0.2 =BN014527.D 0.4 =BN014528.D 0.8 =BN014529.D 1.6 =BN014530.D 3.2 =BN014531.D 5 =BN014532.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	0.544	0.481	0.492	0.436	0.417	0.402	0.365	0.448	13.64
3)		n-Nitrosodimet...		0.107	0.184	0.223	0.266	0.281	0.219	0.213	29.45
4)	S	2-Fluorophenol	0.594	0.632	0.734	0.686	0.727	0.735	0.725	0.690	8.22
5)	S	Phenol-d6		0.592	0.749	0.747	0.849	0.920	0.948	0.801	16.49
6)		bis(2-Chloroet...	0.819	0.850	0.938	0.892	0.975	0.923	0.887	0.898	5.89
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.220	0.227	0.270	0.293	0.290	0.296	0.299	0.270	12.44
9)		Naphthalene	1.003	0.973	1.064	1.018	1.019	0.988	0.965	1.004	3.32
10)		Hexachlorobuta...	0.208	0.197	0.216	0.202	0.200	0.187	0.182	0.199	5.84
11)	SURR	2-Methylnaphth...	0.544	0.544	0.610	0.590	0.615	0.596	0.599	0.585	5.02
12)		2-Methylnaphth...	0.579	0.577	0.658	0.642	0.668	0.645	0.641	0.630	5.86
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.062	0.067	0.088	0.097	0.122	0.134		0.095	30.50
15)	S	2-Fluorobiphenyl	1.158	1.271	1.509	1.600	1.553	1.510	1.465	1.438	11.25
16)		Acenaphthylene	1.378	1.390	1.602	1.608	1.721	1.742	1.766	1.601	10.07
17)		Acenaphthene	1.047	1.029	1.139	1.105	1.146	1.146	1.135	1.107	4.46
18)		Fluorene	1.190	1.183	1.356	1.336	1.448	1.409	1.413	1.334	8.02
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.005	0.004	0.013	0.020	0.034	0.044	0.057	0.025	80.68
21)		4-Bromophenyl-...	0.160	0.169	0.208	0.208	0.220	0.228	0.230	0.203	13.73
22)		Hexachlorobenzene	0.281	0.280	0.315	0.291	0.287	0.280	0.273	0.287	4.73
23)		Atrazine	0.100	0.095	0.108	0.108	0.126	0.141		0.113	15.30
24)		Pentachlorophenol		0.022	0.029	0.036	0.051	0.061		0.040	40.81
25)		Phenanthrene	0.964	0.958	1.121	1.096	1.149	1.160	1.163	1.087	8.21
26)		Anthracene	0.610	0.659	0.798	0.813	0.903	0.979	1.034	0.828	18.96
27)	SURR	Fluoranthene-d10	0.936	0.916	1.025	1.000	1.085	1.124	1.163	1.036	8.99
28)		Fluoranthene	0.983	0.972	1.148	1.158	1.287	1.321	1.315	1.169	12.69
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.320	1.283	1.450	1.272	1.181	1.166	1.180	1.264	8.02
31)	S	Terphenyl-d14	0.879	0.836	0.975	0.935	0.868	0.831	0.848	0.882	6.12
32)		Benzo(a)anthra...	0.746	0.769	0.954	0.928	1.037	1.076	1.104	0.945	15.08
33)		Chrysene	1.270	1.221	1.358	1.245	1.218	1.185	1.206	1.243	4.63
34)		Bis(2-ethylhex...	0.502	0.395	0.413	0.349	0.342	0.346	0.434	0.397	14.75
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.055	1.187	1.326	1.376	1.589	1.584	1.581	1.385	15.34
37)		Benzo(b)fluora...	1.097	1.077	1.282	1.317	1.389	1.452	1.434	1.293	11.81
38)		Benzo(k)fluora...	1.475	1.514	1.714	1.677	1.730	1.632	1.575	1.617	6.11
39)	C	Benzo(a)pyrene	1.233	1.241	1.283	1.231	1.326	1.316	1.324	1.279	3.43
40)		Dibenzo(a,h)an...	0.811	0.909	1.046	1.106	1.294	1.298	1.304	1.110	18.07
41)		Benzo(g,h,i)pe...	1.248	1.281	1.430	1.398	1.439	1.426	1.386	1.372	5.58

(#) = Out of Range