Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN081924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 19 23:32:18 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN033479.D 0.2 =BN033480.D 0.4 =BN033481.D 0.8 =BN033482.D 1.6 =BN033483.D 3.2 =BN033484.D 5.0 =BN033485.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	0.523	0.513	0.329	0.524	0.488	0.452	0.393	0.460	16.21
3)		n-Nitrosodimet...	0.545	0.550	0.456	0.615	0.575	0.521	0.485	0.535	10.02
4)	S	2-Fluorophenol	1.276	1.281	1.267	1.350	1.327	1.196	1.202	1.271	4.52
5)	S	Phenol-d6	1.555	1.576	1.360	1.677	1.598	1.464	1.357	1.512	8.10
6)		bis(2-Chloroet...	1.170	1.144	0.753	1.227	1.166	1.067	0.980	1.072	15.13
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.341	0.324	0.303	0.352	0.345	0.322	0.334	0.332	4.96
9)		Naphthalene	1.082	1.068	0.947	1.155	1.127	1.042	1.062	1.069	6.23
10)		Hexachlorobuta...	0.217	0.213	0.192	0.230	0.225	0.207	0.209	0.213	5.86
11)	SURR	2-Methylnaphth...	0.577	0.566	0.492	0.616	0.603	0.566	0.585	0.572	6.97
12)		2-Methylnaphth...	0.665	0.667	0.586	0.732	0.716	0.678	0.693	0.677	6.98
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.212	0.202	0.185	0.220	0.226	0.223	0.237	0.215	8.02
15)	S	2-Fluorobiphenyl	1.627	1.601	1.487	1.761	1.731	1.609	1.621	1.634	5.52
16)		Acenaphthylene	1.626	1.609	1.535	1.870	1.893	1.837	1.911	1.754	9.00
17)		Acenaphthene	1.185	1.177	1.104	1.325	1.322	1.249	1.277	1.234	6.67
18)		Fluorene	1.558	1.483	1.381	1.667	1.647	1.567	1.584	1.555	6.30
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.051	0.051	0.051	0.064	0.069	0.072	0.079	0.062	18.77
21)		4-Bromophenyl-...	0.241	0.231	0.222	0.255	0.255	0.246	0.250	0.243	5.16
22)		Hexachlorobenzene	0.271	0.260	0.249	0.281	0.280	0.266	0.271	0.268	4.22
23)		Atrazine	0.188	0.184	0.173	0.201	0.203	0.198	0.210	0.194	6.52
24)		Pentachlorophenol	0.114	0.098	0.097	0.118	0.122	0.128	0.137	0.116	12.80
25)		Phenanthrene	1.093	1.067	1.033	1.177	1.168	1.113	1.139	1.113	4.73
26)		Anthracene	0.931	0.912	0.876	1.035	1.046	1.035	1.057	0.985	7.65
27)	SURR	Fluoranthene-d10	0.947	0.919	0.870	1.011	1.015	0.968	1.000	0.961	5.55
28)		Fluoranthene	1.178	1.153	1.106	1.303	1.313	1.266	1.288	1.230	6.71
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.756	1.763	1.704	1.901	1.855	1.751	1.767	1.785	3.82
31)	S	Terphenyl-d14	0.907	0.896	0.862	0.966	0.943	0.890	0.900	0.909	3.80
32)		Benzo(a)anthra...	1.485	1.369	1.317	1.525	1.529	1.426	1.472	1.446	5.53
33)		Chrysene	1.435	1.392	1.331	1.557	1.514	1.403	1.430	1.437	5.30
34)		Bis(2-ethylhex...	1.206	0.914	0.814	0.870	0.869	0.845	0.889	0.915	14.43
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.616	1.580	1.535	1.779	1.759	1.661	1.694	1.661	5.45
37)		Benzo(b)fluora...	1.524	1.432	1.336	1.578	1.573	1.480	1.533	1.494	5.78
38)		Benzo(k)fluora...	1.439	1.393	1.324	1.556	1.576	1.492	1.512	1.470	6.14
39)	C	Benzo(a)pyrene	1.228	1.162	1.096	1.309	1.317	1.251	1.290	1.236	6.63
40)		Dibenzo(a,h)an...	1.283	1.264	1.231	1.426	1.410	1.329	1.352	1.328	5.56
41)		Benzo(g,h,i)pe...	1.399	1.372	1.296	1.518	1.506	1.413	1.436	1.420	5.42

(#) = Out of Range