Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN092821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 29 10:56:17 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016559.D 0.2 =BN016560.D 0.4 =BN016561.D 0.8 =BN016562.D 1.6 =BN016563.D 3.2 =BN016564.D 5.0 =BN016565.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	0.137	0.178	0.172	0.194	0.203	0.150	0.172	0.172	13.38
3)		n-Nitrosodimet...	0.299	0.283	0.295	0.333	0.359	0.338	0.316	0.318	8.52
4)	S	2-Fluorophenol	1.038	0.979	0.937	1.014	1.071	1.000	0.928	0.995	5.21
5)	S	Phenol-d6	1.003	0.912	0.909	1.008	1.102	1.065	0.999	1.000	7.17
6)		bis(2-Chloroet...	1.050	1.016	1.015	1.092	1.155	1.067	0.979	1.053	5.55
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.171	0.164	0.193	0.231	0.250	0.265	0.212		19.90
9)		Naphthalene	1.070	1.076	1.038	1.106	1.152	1.085	1.027	1.079	3.89
10)		Hexachlorobuta...	0.226	0.219	0.207	0.216	0.224	0.205	0.195	0.213	5.14
11)	SURR	2-Methylnaphth...	0.543	0.542	0.539	0.581	0.622	0.596	0.558	0.569	5.64
12)		2-Methylnaphth...	0.651	0.650	0.648	0.694	0.728	0.689	0.642	0.672	4.81
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.151	0.139	0.144	0.165	0.196	0.218	0.209	0.175	18.78
15)	S	2-Fluorobiphenyl	1.678	1.713	1.583	1.682	1.727	1.615	1.524	1.646	4.53
16)		Acenaphthylene	1.637	1.595	1.590	1.777	1.995	1.976	1.841	1.773	9.74
17)		Acenaphthene	1.168	1.168	1.151	1.228	1.295	1.254	1.169	1.205	4.55
18)		Fluorene	1.434	1.420	1.438	1.514	1.568	1.529	1.374	1.468	4.73
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.007	0.006	0.010	0.018	0.032	0.044	0.053	0.024	77.63
21)		4-Bromophenyl-...	0.204	0.210	0.221	0.247	0.261	0.261	0.253	0.237	10.31
22)		Hexachlorobenzene	0.280	0.281	0.273	0.294	0.297	0.282	0.269	0.282	3.67
23)		Atrazine	0.118	0.120	0.129	0.157	0.195	0.207	0.202	0.161	24.61
24)		Pentachlorophenol	0.068	0.048	0.053	0.079	0.109	0.135	0.136	0.090	41.37
25)		Phenanthrene	1.162	1.146	1.156	1.252	1.287	1.261	1.160	1.203	4.99
26)		Anthracene	0.919	0.925	0.951	1.095	1.177	1.160	1.092	1.046	10.65
27)	SURR	Fluoranthene-d10	1.029	1.016	1.020	1.106	1.164	1.161	1.070	1.081	5.94
28)		Fluoranthene	1.261	1.254	1.273	1.375	1.423	1.373	1.249	1.315	5.50
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.493	1.468	1.418	1.485	0.803	1.459	1.423	1.364	18.27
31)	S	Terphenyl-d14	0.965	0.936	0.870	0.920	0.492	0.942	0.908	0.862	19.23
32)		Benzo(a)anthra...	1.247	1.230	1.234	1.343	0.815	1.433	1.378	1.240	16.40
33)		Chrysene	1.327	1.328	1.292	1.385	0.812	1.391	1.314	1.264	16.02
34)		Bis(2-ethylhex...	0.452	0.388	0.361	0.380	0.266			0.369	18.16
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.095	1.200	1.202	1.461	0.914	1.565	1.491	1.275	18.63
37)		Benzo(b)fluora...	1.296	1.343	1.398	1.490	0.886	1.507	1.429	1.336	15.87
38)		Benzo(k)fluora...	1.243	1.344	1.341	1.492	0.889	1.439	1.360	1.301	15.21
39)	C	Benzo(a)pyrene	1.293	1.256	1.228	1.321	0.804	1.370	1.304	1.225	15.61
40)		Dibenzo(a,h)an...	0.773	0.875	0.906	1.147	0.730			0.886	18.36
41)		Benzo(g,h,i)pe...	1.108	1.159	1.155	1.276	0.785	1.347	1.290	1.160	16.07

(#) = Out of Range