Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN042221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 21 13:57:02 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014348.D 0.2 =BN014349.D 0.4 =BN014350.D 0.8 =BN014351.D 1.6 =BN014352.D 3.2 =BN014353.D 5 =BN014354.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	0.678	0.486	0.484	0.408	0.490	0.452	0.419	0.488	18.38
3)		n-Nitrosodimet...		0.204	0.261	0.156	0.305	0.301	0.300	0.254	24.30
4)	S	2-Fluorophenol	0.875	0.811	0.840	0.838	0.815	0.799	0.777	0.822	3.89
5)	S	Phenol-d6	1.036	0.978	1.010	0.968	1.024	1.024	1.023	1.009	2.56
6)		bis(2-Chloroet...	1.022	0.989	1.013	1.008	1.021	0.958	0.915	0.989	4.03
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.319	0.320	0.327	0.362	0.345	0.340	0.335	0.335	4.56
9)		Naphthalene	1.010	0.977	0.989	1.003	1.020	0.992	0.964	0.994	1.94
10)		Hexachlorobuta...	0.222	0.216	0.220	0.232	0.220	0.211	0.201	0.217	4.42
11)	SURR	2-Methylnaphth...	0.603	0.588	0.596	0.575	0.628	0.610	0.611	0.602	2.83
12)		2-Methylnaphth...	0.655	0.630	0.643	0.620	0.682	0.657	0.651	0.648	3.11
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.123	0.115	0.117	0.105	0.137	0.142	0.160	0.129	14.60
15)	S	2-Fluorobiphenyl	1.519	1.540	1.522	1.801	1.607	1.556	1.525	1.581	6.44
16)		Acenaphthylene	1.591	1.607	1.611	1.689	1.782	1.783	1.820	1.698	5.72
17)		Acenaphthene	1.091	1.078	1.078	1.099	1.174	1.162	1.169	1.121	3.95
18)		Fluorene	1.331	1.326	1.309	1.297	1.481	1.451	1.480	1.382	6.08
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.040	0.038	0.042	0.037	0.045	0.052	0.058	0.045	16.99
21)		4-Bromophenyl-...	0.214	0.210	0.218	0.231	0.237	0.237	0.230	0.225	4.91
22)		Hexachlorobenzene	0.300	0.294	0.302	0.346	0.317	0.312	0.301	0.310	5.66
23)		Atrazine	0.126	0.115	0.118	0.113	0.132	0.147	0.160	0.130	13.59
24)		Pentachlorophenol		0.047	0.049	0.051	0.059	0.065	0.073	0.057	17.76
25)		Phenanthrene	1.117	1.063	1.090	1.133	1.152	1.159	1.151	1.124	3.20
26)		Anthracene	0.805	0.786	0.825	0.814	0.929	0.982	1.020	0.880	10.82
27)	SURR	Fluoranthene-d10	1.015	0.980	1.018	0.964	1.114	1.149	1.180	1.060	8.13
28)		Fluoranthene	1.106	1.069	1.153	1.054	1.321	1.349	1.338	1.199	11.07
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.262	1.184	1.171	1.292	1.155	1.119	1.161	1.192	5.22
31)	S	Terphenyl-d14	0.871	0.836	0.855	0.919	0.844	0.800	0.818	0.849	4.57
32)		Benzo(a)anthra...	1.018	0.965	1.025	1.044	1.083	1.104	1.165	1.058	6.20
33)		Chrysene	1.273	1.230	1.272	1.237	1.273	1.226	1.214	1.246	2.05
34)		Bis(2-ethylhex...	0.484	0.366	0.334	0.415	0.318	0.323	0.377	0.374	15.88
35)		Indeno(1,2,3-c...	1.491	1.532	1.300	1.232	1.394	1.438	1.328	1.388	7.75

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.365	1.332	1.444	1.505	1.565	1.529	1.567	1.472	6.43
38)		Benzo(k)fluora...	1.365	1.395	1.445	1.476	1.597	1.605	1.591	1.496	6.75
39)	C	Benzo(a)pyrene	1.155	1.185	1.132	1.204	1.310	1.370	1.377	1.247	8.24
40)		Dibenzo(a,h)an...	1.251	1.269	1.316	1.285	1.512	1.562	1.493	1.384	9.58
41)		Benzo(g,h,i)pe...	1.356	1.307	1.459	1.519	1.506	1.569	1.525	1.463	6.60

(#) = Out of Range