Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Dec 29 16:08:47 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN018255.D 0.2 =BN018256.D 0.4 =BN018257.D 0.8 =BN018258.D 1.6 =BN018259.D 3.2 =BN018260.D 5.0 =BN018261.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	0.242	0.229	0.214	0.248	0.238	0.220	0.206	0.228	6.79
3)		n-Nitrosodimet...	0.265	0.275	0.306	0.374	0.371	0.364	0.345	0.329	14.15
4)	S	2-Fluorophenol	0.721	0.685	0.750	0.885	0.879	0.866	0.825	0.801	10.25
5)	S	Phenol-d6	0.610	0.606	0.706	0.862	0.887	0.896	0.860	0.775	16.89
6)		bis(2-Chloroet...	0.855	0.835	0.929	1.088	1.043	0.996	0.914	0.952	9.94
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.156	0.188	0.246	0.263	0.283	0.290	0.238		22.69
9)		Naphthalene	0.986	0.934	0.958	1.089	1.027	0.990	0.939	0.989	5.51
10)		Hexachlorobuta...	0.276	0.260	0.269	0.301	0.284	0.275	0.264	0.275	4.93
11)	SURR	2-Methylnaphth...	0.632	0.612	0.653	0.752	0.713	0.692	0.655	0.673	7.26
12)		2-Methylnaphth...	0.597	0.584	0.626	0.714	0.671	0.641	0.606	0.634	7.20
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.063	0.083	0.120	0.147	0.186	0.206	0.134		42.00
15)	S	2-Fluorobiphenyl	1.359	1.391	1.511	1.722	1.614	1.542	1.459	1.514	8.36
16)		Acenaphthylene	1.054	1.059	1.247	1.615	1.648	1.640	1.586	1.407	19.65
17)		Acenaphthene	0.968	0.943	1.000	1.154	1.097	1.057	1.014	1.033	7.19
18)		Fluorene	1.055	1.048	1.173	1.388	1.331	1.291	1.231	1.217	10.85
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.002	0.002	0.003	0.006	0.009	0.014	0.017	0.008	81.03
21)		4-Bromophenyl-...	0.185	0.193	0.225	0.278	0.279	0.275	0.266	0.243	16.99
22)		Hexachlorobenzene	0.308	0.293	0.299	0.338	0.323	0.312	0.292	0.309	5.46
23)		Atrazine	0.093	0.092	0.109	0.155	0.180	0.195	0.197	0.146	32.20
24)		Pentachlorophenol	0.014	0.020	0.032	0.044	0.065	0.083	0.043		62.07
25)		Phenanthrene	0.988	0.947	1.012	1.176	1.148	1.085	1.024	1.055	8.03
26)		Anthracene	0.592	0.632	0.731	0.944	0.979	0.986	0.955	0.831	20.89
27)	SURR	Fluoranthene-d10	1.105	1.076	1.172	1.426	1.429	1.387	1.315	1.273	11.99
28)		Fluoranthene	1.073	1.060	1.188	1.430	1.379	1.295	1.220	1.235	11.53
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.866	1.696	1.586	1.657	1.481	1.396	1.298	1.569	12.30
31)	S	Terphenyl-d14	1.121	1.044	1.018	1.082	0.995	0.959	0.895	1.016	7.47
32)		Benzo(a)anthra...	0.756	0.759	0.942	1.207	1.265	1.315	1.258	1.072	22.95
33)		Chrysene	1.356	1.248	1.245	1.377	1.316	1.271	1.202	1.288	4.97
34)		Bis(2-ethylhex...	0.520	0.413	0.401	0.474	0.538	0.650		0.499	18.45
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	0.766	0.750	0.852	1.054	1.066	1.106	1.091	0.955	16.66
37)		Benzo(b)fluora...	1.095	1.015	1.198	1.461	1.416	1.390	1.323	1.271	13.48
38)		Benzo(k)fluora...	0.907	0.928	1.139	1.412	1.388	1.361	1.289	1.203	17.87
39)	C	Benzo(a)pyrene	1.031	0.945	1.000	1.197	1.188	1.209	1.170	1.106	9.95
40)		Dibenzo(a,h)an...	0.553	0.516	0.568	0.730	0.761	0.815	0.824	0.681	19.30
41)		Benzo(g,h,i)pe...	0.896	0.849	0.875	1.034	1.011	1.015	0.990	0.953	8.06

(#) = Out of Range