Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN091721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Sep 20 11:09:23 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN016300.D 0.2 =BN016301.D 0.4 =BN016302.D 0.8 =BN016303.D 1.6 =BN016304.D 3.2 =BN016305.D 5.0 =BN016306.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	0.142	0.144	0.186	0.207	0.172	0.162	0.151	0.166	14.26
3)		n-Nitrosodimet...	0.286	0.326	0.394	0.401	0.433	0.415	0.409	0.380	14.10
4)	S	2-Fluorophenol	1.054	1.018	1.024	1.028	1.048	0.961	0.892	1.004	5.74
5)	S	Phenol-d6	1.282	1.226	1.244	1.245	1.276	1.167	1.077	1.217	5.94
6)		bis(2-Chloroet...	1.113	1.087	1.107	1.122	1.155	1.046	0.955	1.084	6.08
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.240	0.226	0.217	0.225	0.248	0.252	0.256	0.238	6.42
9)		Naphthalene	1.115	1.074	1.085	1.079	1.122	1.062	1.007	1.078	3.54
10)		Hexachlorobuta...	0.202	0.201	0.205	0.207	0.216	0.206	0.197	0.205	2.99
11)	SURR	2-Methylnaphth...	0.629	0.628	0.634	0.633	0.667	0.626	0.594	0.630	3.37
12)		2-Methylnaphth...	0.735	0.726	0.727	0.721	0.747	0.692	0.653	0.714	4.43
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.101	0.104	0.106	0.111	0.132	0.133	0.135	0.117	12.96
15)	S	2-Fluorobiphenyl	1.612	1.607	1.552	1.563	1.621	1.531	1.470	1.565	3.45
16)		Acenaphthylene	1.821	1.834	1.856	1.861	1.994	1.870	1.793	1.861	3.44
17)		Acenaphthene	1.132	1.135	1.151	1.160	1.227	1.151	1.124	1.154	2.98
18)		Fluorene	1.407	1.408	1.430	1.425	1.538	1.445	1.373	1.432	3.61
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.007	0.007	0.010	0.015	0.026	0.035		0.017	67.73
21)		4-Bromophenyl-...	0.231	0.234	0.234	0.238	0.242	0.234	0.224	0.234	2.39
22)		Hexachlorobenzene	0.219	0.217	0.224	0.226	0.227	0.222	0.212	0.221	2.46
23)		Atrazine	0.215	0.204	0.203	0.209	0.234	0.221	0.214	0.214	4.96
24)		Pentachlorophenol	0.059	0.056	0.061	0.069	0.085	0.094	0.098	0.074	23.69
25)		Phenanthrene	1.127	1.113	1.137	1.152	1.179	1.130	1.075	1.130	2.85
26)		Anthracene	1.089	1.087	1.107	1.107	1.145	1.090	1.038	1.095	2.91
27)	SURR	Fluoranthene-d10	1.152	1.146	1.155	1.165	1.217	1.165	1.105	1.158	2.87
28)		Fluoranthene	1.312	1.316	1.316	1.317	1.371	1.278	1.204	1.302	3.93
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.370	1.358	1.397	1.365	0.744	1.340	1.281	1.265	18.36
31)	S	Terphenyl-d14	1.058	1.041	0.998	0.971	0.522	0.967	0.928	0.927	19.86
32)		Benzo(a)anthra...	1.341	1.341	1.386	1.366	0.828	1.396	1.337	1.285	15.77
33)		Chrysene	1.306	1.313	1.333	1.328	0.797	1.342	1.285	1.243	15.92
34)		Bis(2-ethylhex...	0.743	0.680	0.673	0.688	0.459	0.812	0.796	0.693	16.92
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.270	1.300	1.351	1.398	0.878	1.455	1.391	1.292	14.92
37)		Benzo(b)fluora...	1.369	1.353	1.392	1.363	0.814	1.341	1.261	1.270	16.18
38)		Benzo(k)fluora...	1.288	1.303	1.314	1.337	0.792	1.292	1.232	1.223	15.76
39)	C	Benzo(a)pyrene	1.209	1.209	1.231	1.236	0.737	1.241	1.178	1.149	15.91
40)		Dibenzo(a,h)an...	1.083	1.105	1.148	1.190	0.740	1.230	1.180	1.097	15.06
41)		Benzo(g,h,i)pe...	1.065	1.095	1.135	1.177	0.740	1.239	1.189	1.091	15.18

(#) = Out of Range