Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Dec 06 00:49:47 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN029041.D 0.2 =BN029042.D 0.4 =BN029043.D 0.8 =BN029044.D 1.6 =BN029045.D 3.2 =BN029046.D 5.0 =BN029047.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	0.403	0.322	0.286	0.319	0.336	0.311	0.278	0.322	12.76
3)		n-Nitrosodimet...		0.131	0.199	0.186	0.225	0.215	0.218	0.196	17.77
4)	S	2-Fluorophenol	1.061	0.937	0.920	0.888	0.913	0.839	0.776	0.905	9.76
5)	S	Phenol-d6	1.210	1.107	1.095	1.058	1.081	1.046	0.975	1.082	6.57
6)		bis(2-Chloroet...	0.870	0.720	0.751	0.752	0.783	0.759	0.723	0.765	6.65
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.520	0.487	0.479	0.480	0.488	0.478	0.447	0.483	4.45
9)		Naphthalene	1.310	1.302	1.227	1.234	1.292	1.223	1.148	1.248	4.62
10)		Hexachlorobuta...	0.570	0.568	0.547	0.565	0.573	0.534	0.494	0.550	5.16
11)	SURR	2-Methylnaphth...	0.806	0.819	0.830	0.853	0.901	0.857	0.814	0.840	3.94
12)		2-Methylnaphth...	1.063	1.020	0.987	1.018	1.055	1.009	0.948	1.014	3.86
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.542	0.471	0.395	0.413	0.436	0.430	0.406	0.442	11.45
15)	S	2-Fluorobiphenyl	1.996	2.001	2.026	2.099	2.229	2.155	1.989	2.071	4.50
16)		Acenaphthylene	2.277	2.128	2.103	2.166	2.317	2.288	2.137	2.202	4.02
17)		Acenaphthene	1.398	1.356	1.339	1.391	1.459	1.409	1.317	1.381	3.46
18)		Fluorene	2.199	2.132	2.154	2.241	2.344	2.252	2.105	2.204	3.74
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.101	0.099	0.098	0.121	0.143	0.143	0.140	0.121	17.80
21)		4-Bromophenyl-...	0.360	0.349	0.352	0.363	0.390	0.370	0.347	0.362	4.13
22)		Hexachlorobenzene	0.456	0.411	0.397	0.410	0.432	0.402	0.373	0.412	6.43
23)		Atrazine	0.346	0.309	0.305	0.315	0.342	0.316	0.301	0.319	5.53
24)		Pentachlorophenol	0.257	0.214	0.197	0.212	0.236	0.234	0.226	0.225	8.65
25)		Phenanthrene	1.412	1.328	1.287	1.333	1.399	1.333	1.256	1.335	4.16
26)		Anthracene	1.362	1.238	1.224	1.262	1.378	1.326	1.246	1.291	4.90
27)	SURR	Fluoranthene-d10	1.275	1.242	1.242	1.255	1.311	1.272	1.201	1.257	2.72
28)		Fluoranthene	1.970	1.847	1.770	1.804	1.886	1.843	1.731	1.836	4.27
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.649	2.429	2.378	2.495	2.617	2.477	2.311	2.480	4.92
31)	S	Terphenyl-d14	1.063	0.976	0.964	1.024	1.082	1.026	0.952	1.012	4.96
32)		Benzo(a)anthra...	2.016	1.927	1.946	2.042	2.136	2.144	1.990	2.029	4.21
33)		Chrysene	2.046	1.905	1.951	2.000	2.130	2.023	1.919	1.996	3.96
34)		Bis(2-ethylhex...	1.652	1.207	1.219	1.157	1.202	1.178	1.140	1.251	14.33
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.901	1.923	2.113	2.044	2.144	2.138	2.015	2.040	4.89
37)		Benzo(b)fluora...	2.060	2.049	2.114	2.162	2.305	2.238	2.104	2.147	4.40
38)		Benzo(k)fluora...	1.814	1.834	2.000	2.062	2.258	2.137	1.989	2.013	7.85
39)	C	Benzo(a)pyrene	1.680	1.652	1.792	1.787	1.921	1.858	1.751	1.777	5.30
40)		Dibenzo(a,h)an...	1.432	1.457	1.622	1.582	1.675	1.668	1.579	1.573	6.10
41)		Benzo(g,h,i)pe...	1.669	1.664	1.813	1.711	1.793	1.748	1.649	1.721	3.79

(#) = Out of Range