Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN100223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 02 19:18:04 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN027987.D 0.2 =BN027988.D 0.4 =BN027989.D 0.8 =BN027990.D 1.6 =BN027991.D 3.2 =BN027992.D 5.0 =BN027993.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	0.492	0.461	0.488	0.390	0.437	0.424	0.449		8.78
3)		n-Nitrosodimet...	0.551	0.530	0.516	0.553	0.447	0.501	0.501	0.514	7.12
4)	S	2-Fluorophenol	1.446	1.349	1.117	1.286	0.992	1.067	1.095	1.193	14.05
5)	S	Phenol-d6	1.776	1.657	1.376	1.627	1.265	1.398	1.442	1.506	12.15
6)		bis(2-Chloroet...	1.277	1.229	1.214	1.299	1.079	1.189	1.200	1.212	5.89
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.370	0.335	0.325	0.346	0.296	0.340	0.372	0.340	7.71
9)		Naphthalene	1.079	1.048	1.030	1.065	0.897	1.034	1.083	1.034	6.18
10)		Hexachlorobuta...	0.193	0.188	0.184	0.189	0.160	0.181	0.190	0.184	6.04
11)	SURR	2-Methylnaphth...	0.593	0.601	0.592	0.615	0.518	0.600	0.629	0.593	5.96
12)		2-Methylnaphth...	0.727	0.726	0.732	0.749	0.632	0.733	0.763	0.723	5.89
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.190	0.182	0.173	0.190	0.150	0.188	0.209	0.183	9.83
15)	S	2-Fluorobiphenyl	1.499	1.446	1.429	1.486	1.270	1.403	1.558	1.442	6.34
16)		Acenaphthylene	1.712	1.689	1.777	1.820	1.569	1.848	1.988	1.772	7.52
17)		Acenaphthene	1.140	1.108	1.153	1.171	0.991	1.142	1.203	1.130	5.99
18)		Fluorene	1.452	1.460	1.511	1.544	1.264	1.496	1.542	1.467	6.58
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.007	0.005	0.005	0.004	0.005	0.005	0.005		17.81
21)		4-Bromophenyl-...	0.200	0.197	0.210	0.213	0.192	0.212	0.236	0.209	6.97
22)		Hexachlorobenzene	0.214	0.212	0.227	0.226	0.199	0.219	0.234	0.219	5.35
23)		Atrazine	0.183	0.174	0.185	0.187	0.152	0.190	0.205	0.182	8.90
24)		Pentachlorophenol	0.095	0.092	0.088	0.104	0.091	0.117	0.135	0.103	16.69
25)		Phenanthrene	1.066	1.050	1.092	1.114	0.956	1.103	1.167	1.078	6.10
26)		Anthracene	0.964	0.968	1.033	1.052	0.899	1.065	1.154	1.019	8.18
27)	SURR	Fluoranthene-d10	1.015	1.003	1.064	1.067	0.829	1.044	1.010	1.005	8.14
28)		Fluoranthene	1.257	1.253	1.314	1.320	1.031	1.290	1.245	1.245	7.92
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.514	1.475	1.441	1.494	1.340	1.375	1.629	1.467	6.51
31)	S	Terphenyl-d14	1.079	0.952	0.879	0.949	0.821	0.845	1.006	0.933	9.81
32)		Benzo(a)anthra...	1.416	1.380	1.403	1.404	1.185	1.294	1.445	1.361	6.70
33)		Chrysene	1.355	1.337	1.345	1.386	1.136	1.230	1.393	1.312	7.21
34)		Bis(2-ethylhex...	1.047	0.919	0.948	0.708	0.856	0.894	0.895		12.52
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.348	1.291	1.235	1.343	1.312	1.298	1.592	1.345	8.54
37)		Benzo(b)fluora...	1.334	1.340	1.300	1.357	1.061	1.318	1.333	1.292	7.98
38)		Benzo(k)fluora...	1.346	1.334	1.319	1.373	1.083	1.339	1.379	1.310	7.81
39)	C	Benzo(a)pyrene	1.235	1.244	1.216	1.263	1.055	1.232	1.306	1.222	6.48
40)		Dibenzo(a,h)an...	1.102	1.044	1.013	1.104	1.073	1.066	1.303	1.101	8.59
41)		Benzo(g,h,i)pe...	1.143	1.085	1.018	1.123	1.113	1.080	1.347	1.130	9.19

(#) = Out of Range