Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 04 18:36:01 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN033750.D 0.2 =BN033751.D 0.4 =BN033752.D 0.8 =BN033753.D 1.6 =BN033754.D 3.2 =BN033755.D 5.0 =BN033756.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	0.454	0.463	0.437	0.489	0.464	0.447	0.432	0.455	4.26
3)		n-Nitrosodimet...	0.534	0.497	0.513	0.586	0.570	0.521	0.519	0.534	6.01
4)	S	2-Fluorophenol	1.299	1.249	1.168	1.286	1.248	1.155	1.166	1.225	4.93
5)	S	Phenol-d6	1.565	1.451	1.356	1.504	1.486	1.381	1.404	1.450	5.14
6)		bis(2-Chloroet...	1.134	1.085	1.066	1.175	1.136	1.031	1.031	1.094	5.10
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.339	0.337	0.321	0.358	0.351	0.332	0.346	0.341	3.68
9)		Naphthalene	1.077	1.043	1.023	1.134	1.108	1.032	1.061	1.068	3.80
10)		Hexachlorobuta...	0.222	0.222	0.216	0.237	0.230	0.213	0.217	0.222	3.81
11)	SURR	2-Methylnaphth...	0.573	0.547	0.537	0.598	0.591	0.543	0.569	0.566	4.20
12)		2-Methylnaphth...	0.655	0.633	0.621	0.694	0.686	0.636	0.660	0.655	4.19
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.203	0.194	0.186	0.201	0.210	0.200	0.219	0.202	5.27
15)	S	2-Fluorobiphenyl	1.639	1.647	1.629	1.764	1.723	1.622	1.650	1.668	3.23
16)		Acenaphthylene	1.619	1.603	1.617	1.793	1.826	1.774	1.872	1.729	6.54
17)		Acenaphthene	1.154	1.143	1.139	1.254	1.230	1.169	1.209	1.185	3.83
18)		Fluorene	1.433	1.393	1.390	1.531	1.538	1.443	1.505	1.462	4.28
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.054	0.051	0.060	0.068	0.068	0.078	0.063		15.77
21)		4-Bromophenyl-...	0.227	0.223	0.226	0.239	0.243	0.227	0.236	0.232	3.27
22)		Hexachlorobenzene	0.264	0.260	0.266	0.275	0.273	0.258	0.265	0.266	2.42
23)		Atrazine	0.179	0.175	0.179	0.190	0.198	0.182	0.192	0.185	4.59
24)		Pentachlorophenol	0.101	0.095	0.098	0.109	0.116	0.115	0.126	0.109	10.30
25)		Phenanthrene	1.086	1.050	1.076	1.142	1.158	1.083	1.119	1.102	3.52
26)		Anthracene	0.918	0.888	0.919	0.974	1.012	0.973	1.023	0.958	5.33
27)	SURR	Fluoranthene-d10	0.968	0.945	0.950	1.014	1.051	0.967	1.013	0.987	4.02
28)		Fluoranthene	1.185	1.150	1.175	1.279	1.337	1.236	1.286	1.235	5.53
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.639	1.564	1.648	1.654	1.626	1.550	1.602	1.612	2.56
31)	S	Terphenyl-d14	0.868	0.824	0.869	0.884	0.862	0.819	0.846	0.853	2.86
32)		Benzo(a)anthra...	1.440	1.344	1.416	1.480	1.483	1.390	1.444	1.428	3.46
33)		Chrysene	1.419	1.339	1.411	1.471	1.458	1.368	1.421	1.412	3.29
34)		Bis(2-ethylhex...	0.843	0.775	0.776	0.766	0.728	0.785	0.779		4.77
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.551	1.568	1.627	1.760	1.748	1.640	1.679	1.653	4.91
37)		Benzo(b)fluora...	1.406	1.373	1.465	1.548	1.548	1.431	1.519	1.470	4.79
38)		Benzo(k)fluora...	1.371	1.334	1.407	1.503	1.513	1.413	1.490	1.433	4.87
39)	C	Benzo(a)pyrene	1.196	1.131	1.198	1.278	1.288	1.224	1.285	1.229	4.79
40)		Dibenzo(a,h)an...	1.241	1.229	1.312	1.413	1.407	1.321	1.353	1.325	5.47
41)		Benzo(g,h,i)pe...	1.358	1.362	1.444	1.533	1.513	1.410	1.438	1.437	4.71

(#) = Out of Range