Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN082924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 29 23:33:13 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN033671.D 0.2 =BN033672.D 0.4 =BN033673.D 0.8 =BN033674.D 1.6 =BN033675.D 3.2 =BN033676.D 5.0 =BN033677.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	0.522	0.471	0.438	0.494	0.465	0.439	0.425	0.465	7.39
3)		n-Nitrosodimet...	0.552	0.557	0.530	0.590	0.566	0.505	0.523	0.546	5.27
4)	S	2-Fluorophenol	1.237	1.200	1.119	1.264	1.247	1.216	1.143	1.204	4.50
5)	S	Phenol-d6	1.455	1.401	1.334	1.487	1.486	1.382	1.405	1.421	4.02
6)		bis(2-Chloroet...	1.123	1.110	1.066	1.171	1.136	0.957	1.033	1.085	6.68
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.341	0.311	0.312	0.352	0.348	0.327	0.338	0.333	4.96
9)		Naphthalene	1.069	1.054	1.029	1.149	1.115	1.022	1.057	1.071	4.30
10)		Hexachlorobuta...	0.228	0.217	0.213	0.239	0.231	0.211	0.214	0.222	4.85
11)	SURR	2-Methylnaphth...	0.563	0.546	0.547	0.600	0.591	0.534	0.568	0.564	4.34
12)		2-Methylnaphth...	0.649	0.639	0.639	0.702	0.694	0.634	0.661	0.660	4.16
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.180	0.179	0.174	0.192	0.207	0.199	0.213	0.192	7.84
15)	S	2-Fluorobiphenyl	1.697	1.649	1.615	1.786	1.759	1.638	1.658	1.686	3.83
16)		Acenaphthylene	1.626	1.616	1.619	1.792	1.842	1.768	1.850	1.731	6.17
17)		Acenaphthene	1.207	1.160	1.159	1.257	1.263	1.173	1.212	1.204	3.59
18)		Fluorene	1.448	1.416	1.465	1.552	1.572	1.479	1.517	1.493	3.78
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.052	0.047	0.049	0.063	0.070	0.069	0.075	0.061	18.64
21)		4-Bromophenyl-...	0.223	0.224	0.226	0.245	0.237	0.227	0.238	0.231	3.69
22)		Hexachlorobenzene	0.266	0.257	0.257	0.280	0.270	0.255	0.263	0.264	3.37
23)		Atrazine	0.178	0.172	0.180	0.187	0.194	0.184	0.195	0.184	4.68
24)		Pentachlorophenol	0.161	0.104	0.094	0.112	0.121	0.117	0.126	0.119	17.82
25)		Phenanthrene	1.105	1.078	1.079	1.161	1.160	1.083	1.121	1.112	3.26
26)		Anthracene	0.915	0.893	0.916	0.998	1.018	0.977	1.030	0.964	5.73
27)	SURR	Fluoranthene-d10	0.958	0.925	0.954	1.024	1.064	0.971	1.013	0.987	4.89
28)		Fluoranthene	1.192	1.162	1.199	1.304	1.360	1.258	1.294	1.253	5.70
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.657	1.611	1.660	1.675	1.595	1.534	1.605	1.619	3.02
31)	S	Terphenyl-d14	0.857	0.840	0.872	0.882	0.837	0.801	0.836	0.846	3.17
32)		Benzo(a)anthra...	1.416	1.347	1.367	1.460	1.475	1.377	1.436	1.411	3.46
33)		Chrysene	1.446	1.389	1.431	1.514	1.518	1.394	1.420	1.445	3.64
34)		Bis(2-ethylhex...	1.031	0.762	0.782	0.751	0.749	0.734	0.787	0.800	12.97
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.670	1.619	1.674	1.832	1.819	1.679	1.719	1.716	4.68
37)		Benzo(b)fluora...	1.502	1.401	1.457	1.518	1.529	1.421	1.464	1.470	3.30
38)		Benzo(k)fluora...	1.422	1.354	1.412	1.523	1.479	1.433	1.475	1.442	3.82
39)	C	Benzo(a)pyrene	1.191	1.153	1.196	1.276	1.284	1.227	1.269	1.228	4.10
40)		Dibenzo(a,h)an...	1.328	1.283	1.329	1.461	1.448	1.342	1.375	1.366	4.83
41)		Benzo(g,h,i)pe...	1.489	1.426	1.436	1.585	1.543	1.429	1.471	1.483	4.13

(#) = Out of Range