Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN030524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Mar 05 17:44:16 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN030268.D 0.2 =BN030269.D 0.4 =BN030270.D 0.8 =BN030271.D 1.6 =BN030272.D 3.2 =BN030273.D 5.0 =BN030274.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	0.665	0.526	0.554	0.461	0.478	0.468	0.481	0.519	14.04
3)		n-Nitrosodimet...	0.540	0.574	0.543	0.516	0.556	0.555	0.551	0.548	3.28
4)	S	2-Fluorophenol	1.103	1.107	1.054	0.998	1.046	1.023	1.021	1.050	3.96
5)	S	Phenol-d6	0.967	1.065	1.093	1.074	1.172	1.185	1.176	1.105	7.18
6)		bis(2-Chloroet...	0.749	0.851	0.868	0.865	0.933	0.944	0.919	0.876	7.60
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.312	0.358	0.369	0.348	0.389	0.393	0.387	0.365	7.95
9)		Naphthalene	1.093	1.121	1.169	1.065	1.144	1.126	1.100	1.117	3.06
10)		Hexachlorobuta...	0.260	0.264	0.270	0.244	0.258	0.248	0.241	0.255	4.27
11)	SURR	2-Methylnaphth...	0.495	0.586	0.607	0.569	0.617	0.601	0.588	0.580	7.01
12)		2-Methylnaphth...	0.636	0.680	0.719	0.665	0.725	0.707	0.692	0.689	4.57
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.194	0.204	0.217	0.200	0.222	0.202	0.201	0.206	4.93
15)	S	2-Fluorobiphenyl	1.545	1.597	1.710	1.601	1.768	1.711	1.699	1.661	4.85
16)		Acenaphthylene	1.826	1.815	1.953	1.834	2.046	2.017	2.022	1.930	5.31
17)		Acenaphthene	1.214	1.198	1.290	1.191	1.310	1.261	1.256	1.246	3.69
18)		Fluorene	1.453	1.501	1.547	1.438	1.610	1.482	1.463	1.499	4.03
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.059	0.068	0.077	0.080	0.097	0.097	0.102	0.083	19.67
21)		4-Bromophenyl-...	0.226	0.233	0.255	0.228	0.259	0.258	0.253	0.244	6.08
22)		Hexachlorobenzene	0.279	0.281	0.291	0.268	0.293	0.290	0.276	0.283	3.23
23)		Atrazine	0.202	0.213	0.228	0.206	0.230	0.220	0.217	0.217	4.92
24)		Pentachlorophenol	0.118	0.129	0.154	0.145	0.164	0.159	0.163	0.147	12.12
25)		Phenanthrene	1.070	1.112	1.169	1.083	1.221	1.193	1.159	1.144	4.97
26)		Anthracene	0.946	0.996	1.076	0.989	1.127	1.124	1.102	1.051	6.98
27)	SURR	Fluoranthene-d10	1.054	1.101	1.132	1.069	1.154	1.083	1.091	1.098	3.19
28)		Fluoranthene	1.350	1.363	1.449	1.344	1.487	1.379	1.382	1.393	3.89
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.697	1.664	1.764	1.619	1.686	1.710	1.612	1.679	3.17
31)	S	Terphenyl-d14	1.074	1.022	1.077	1.001	1.049	1.054	0.986	1.037	3.41
32)		Benzo(a)anthra...	1.333	1.330	1.417	1.378	1.458	1.452	1.449	1.402	3.98
33)		Chrysene	1.524	1.495	1.576	1.468	1.566	1.513	1.480	1.518	2.72
34)		Bis(2-ethylhex...	1.370	1.203	1.180	0.983	1.034	1.026	1.026	1.118	12.49
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.584	1.561	1.691	1.592	1.761	1.788	1.755	1.676	5.71
37)		Benzo(b)fluora...	1.304	1.273	1.430	1.350	1.501	1.469	1.456	1.398	6.32
38)		Benzo(k)fluora...	1.354	1.337	1.467	1.353	1.517	1.472	1.444	1.420	5.03
39)	C	Benzo(a)pyrene	1.172	1.113	1.249	1.204	1.318	1.301	1.287	1.235	6.10
40)		Dibenzo(a,h)an...	1.179	1.205	1.270	1.283	1.431	1.427	1.425	1.317	8.30
41)		Benzo(g,h,i)pe...	1.476	1.441	1.546	1.462	1.582	1.590	1.535	1.519	3.91

(#) = Out of Range