Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN120721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Dec 08 01:18:09 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN017762.D 0.2 =BN017763.D 0.4 =BN017764.D 0.8 =BN017765.D 1.6 =BN017766.D 3.2 =BN017767.D 5.0 =BN017768.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	0.127	0.122	0.152	0.149	0.176	0.144	0.160	0.147	12.55
3)		n-Nitrosodimet...	0.389	0.381	0.436	0.454	0.430	0.411	0.389	0.413	6.73
4)	S	2-Fluorophenol	0.953	0.903	1.014	1.045	1.002	0.952	0.897	0.966	5.81
5)	S	Phenol-d6	0.855	0.776	0.908	0.974	0.977	0.971	0.940	0.914	8.22
6)		bis(2-Chloroet...	1.016	0.969	1.093	1.139	1.081	1.011	0.932	1.035	7.08
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.229	0.219	0.250	0.281	0.284	0.300	0.299	0.266	12.48
9)		Naphthalene	1.183	1.022	1.050	1.102	1.035	0.994	0.945	1.047	7.33
10)		Hexachlorobuta...	0.292	0.300	0.322	0.338	0.314	0.292	0.272	0.304	7.22
11)	SURR	2-Methylnaphth...	0.731	0.770	0.848	0.901	0.838	0.778	0.720	0.798	8.32
12)		2-Methylnaphth...	0.705	0.737	0.814	0.860	0.784	0.721	0.663	0.755	9.01
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.161	0.156	0.187	0.225	0.235	0.250	0.250	0.209	19.35
15)	S	2-Fluorobiphenyl	1.353	1.321	1.495	1.624	1.534	1.500	1.426	1.465	7.22
16)		Acenaphthylene	1.339	1.312	1.512	1.765	1.726	1.716	1.628	1.571	11.91
17)		Acenaphthene	0.985	0.949	1.071	1.155	1.094	1.063	1.012	1.047	6.67
18)		Fluorene	1.224	1.196	1.364	1.503	1.413	1.388	1.273	1.337	8.27
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.002	0.002	0.003	0.007	0.009	0.016		0.007	85.35
21)		4-Bromophenyl-...	0.209	0.201	0.232	0.271	0.266	0.262	0.253	0.242	11.70
22)		Hexachlorobenzene	0.277	0.268	0.289	0.315	0.300	0.287	0.278	0.288	5.48
23)		Atrazine	0.137	0.132	0.156	0.188	0.201	0.206	0.205	0.175	18.54
24)		Pentachlorophenol		0.041	0.049	0.065	0.077	0.093	0.105	0.072	34.59
25)		Phenanthrene	0.988	0.959	1.054	1.169	1.110	1.058	1.018	1.051	6.83
26)		Anthracene	0.795	0.769	0.889	1.027	1.019	1.002	0.966	0.924	11.64
27)	SURR	Fluoranthene-d10	1.250	1.198	1.334	1.492	1.432	1.360	1.293	1.337	7.63
28)		Fluoranthene	1.211	1.168	1.317	1.447	1.355	1.262	1.193	1.279	7.82
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.205	1.144	1.264	1.400	1.315	1.290	1.259	1.268	6.42
31)	S	Terphenyl-d14	0.817	0.783	0.846	0.931	0.898	0.881	0.859	0.859	5.81
32)		Benzo(a)anthra...	1.135	1.099	1.158	1.333	1.310	1.314	1.271	1.231	7.94
33)		Chrysene	1.233	1.178	1.315	1.423	1.334	1.282	1.239	1.286	6.24
34)		Bis(2-ethylhex...	0.505	0.444	0.475	0.556	0.603	0.650	0.672	0.558	15.72
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.004	0.968	1.071	1.250	1.177	1.166	1.125	1.109	9.05
37)		Benzo(b)fluora...	1.230	1.175	1.356	1.520	1.480	1.418	1.338	1.360	9.24
38)		Benzo(k)fluora...	1.188	1.151	1.278	1.436	1.365	1.319	1.240	1.283	7.78
39)	C	Benzo(a)pyrene	1.116	1.109	1.213	1.353	1.300	1.264	1.199	1.222	7.43
40)		Dibenzo(a,h)an...	0.757	0.729	0.811	0.967	0.923	0.927	0.898	0.859	10.77
41)		Benzo(g,h,i)pe...	0.841	0.813	0.918	1.033	0.968	0.959	0.929	0.923	8.20

(#) = Out of Range