Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN062921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jun 29 19:13:09 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN015187.D 0.2 =BN015188.D 0.4 =BN015189.D 0.8 =BN015190.D 1.6 =BN015191.D 3.2 =BN015192.D 5.0 =BN015193.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	0.131	0.113	0.117	0.126	0.129	0.094	0.104	0.116	11.86
3)		n-Nitrosodimet...			0.246	0.232	0.242	0.245	0.232	0.215	0.235	5.03
4)	S	2-Fluorophenol	0.960	0.936	0.874	0.866	0.854	0.823	0.750	0.866	8.05
5)	S	Phenol-d6	1.408	1.408	1.326	1.328	1.330	1.279	1.168	1.321	6.22
6)		bis(2-Chloroet...	1.338	1.324	1.311	1.323	1.293	1.202	1.086	1.268	7.26
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.354	0.355	0.354	0.372	0.385	0.377	0.361	0.366	3.44
9)		Naphthalene	1.165	1.167	1.148	1.178	1.194	1.145	1.085	1.155	3.02
10)		Hexachlorobuta...	0.237	0.239	0.234	0.237	0.236	0.225	0.213	0.232	3.98
11)	SURR	2-Methylnaphth...	0.670	0.687	0.633	0.657	0.669	0.658	0.621	0.656	3.46
12)		2-Methylnaphth...	0.727	0.734	0.733	0.761	0.763	0.738	0.689	0.735	3.34
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.075	0.092	0.086	0.116	0.146	0.177	0.182	0.125	35.24
15)	S	2-Fluorobiphenyl	1.749	1.723	1.662	1.701	1.705	1.637	1.565	1.677	3.69
16)		Acenaphthylene	1.894	1.956	1.957	2.111	2.175	2.182	2.068	2.049	5.59
17)		Acenaphthene	1.242	1.277	1.230	1.302	1.320	1.316	1.256	1.278	2.83
18)		Fluorene	1.387	1.470	1.478	1.607	1.649	1.649	1.539	1.540	6.51
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.001	0.002	0.003	0.006	0.012	0.019	0.026	0.010	98.05
21)		4-Bromophenyl-...	0.257	0.256	0.265	0.285	0.298	0.294	0.280	0.276	6.26
22)		Hexachlorobenzene	0.340	0.341	0.331	0.337	0.339	0.320	0.302	0.330	4.38
23)		Atrazine	0.101	0.105	0.115	0.143	0.185	0.211	0.216	0.154	32.41
24)		Pentachlorophenol			0.013	0.013	0.023	0.039	0.059	0.075	0.037	69.55
25)		Phenanthrene	1.336	1.334	1.327	1.398	1.444	1.395	1.314	1.364	3.54
26)		Anthracene	1.006	1.052	1.107	1.243	1.341	1.327	1.250	1.189	11.27
27)	SURR	Fluoranthene-d10	1.098	1.181	1.092	1.226	1.327	1.329	1.260	1.216	8.08
28)		Fluoranthene	1.286	1.385	1.445	1.583	1.631	1.560	1.439	1.476	8.27
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.356	1.390	1.384	1.472	1.544	1.534	1.490	1.453	5.23
31)	S	Terphenyl-d14	0.817	0.852	0.850	0.924	0.926	0.919	0.895	0.883	4.95
32)		Benzo(a)anthra...	1.206	1.248	1.290	1.385	1.495	1.514	1.468	1.372	9.12
33)		Chrysene	1.557	1.525	1.494	1.510	1.554	1.486	1.422	1.507	3.07
34)		Bis(2-ethylhex...	0.329	0.318	0.315	0.371	0.527	0.686	0.770	0.474	40.09
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.486	1.571	1.548	1.715	1.775	1.746	1.644	1.641	6.68
37)		Benzo(b)fluora...	1.484	1.490	1.518	1.643	1.721	1.669	1.547	1.582	5.99
38)		Benzo(k)fluora...	1.636	1.666	1.691	1.761	1.756	1.694	1.565	1.681	4.05
39)	C	Benzo(a)pyrene	1.400	1.407	1.402	1.526	1.564	1.543	1.451	1.470	4.90
40)		Dibenzo(a,h)an...	1.165	1.252	1.240	1.378	1.433	1.421	1.337	1.318	7.69
41)		Benzo(g,h,i)pe...	1.213	1.273	1.287	1.377	1.457	1.461	1.388	1.351	7.06

(#) = Out of Range