Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN041621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 19 10:42:58 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014305.D 0.2 =BN014306.D 0.4 =BN014322.D 0.8 =BN014308.D 1.6 =BN014309.D 3.2 =BN014310.D 5 =BN014311.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)		1,4-Dioxane	0.614	0.539	0.570	0.485	0.477	0.450	0.422	0.508	13.52
3)		n-Nitrosodimet...		0.193	0.302	0.269	0.299	0.312	0.312	0.281	16.39
4)	S	2-Fluorophenol	0.897	0.862	1.020	0.865	0.873	0.849	0.823	0.884	7.27
5)	S	Phenol-d6	1.107	1.053	1.261	1.070	1.107	1.108	1.089	1.113	6.13
6)		bis(2-Chloroet...	1.013	0.983	1.160	1.018	1.017	0.958	0.904	1.008	7.81
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.232	0.222	0.265	0.253	0.249	0.257	0.265	0.249	6.64
9)		Naphthalene	0.979	0.960	1.135	1.008	1.014	0.987	0.963	1.006	6.00
10)		Hexachlorobuta...	0.202	0.196	0.227	0.201	0.198	0.192	0.187	0.200	6.37
11)	SURR	2-Methylnaphth...	0.594	0.583	0.681	0.609	0.621	0.610	0.602	0.614	5.15
12)		2-Methylnaphth...	0.634	0.617	0.731	0.656	0.668	0.652	0.636	0.656	5.65
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.134	0.128	0.149	0.136	0.145	0.157	0.164	0.145	9.09
15)	S	2-Fluorobiphenyl	1.525	1.521	1.733	1.679	1.568	1.511	1.466	1.572	6.22
16)		Acenaphthylene	1.389	1.346	1.547	1.475	1.560	1.659	1.694	1.524	8.53
17)		Acenaphthene	1.080	1.067	1.229	1.145	1.143	1.147	1.129	1.134	4.67
18)		Fluorene	1.317	1.274	1.495	1.389	1.421	1.400	1.389	1.384	5.15
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.033	0.034	0.043	0.041	0.046	0.053		0.042	17.97
21)		4-Bromophenyl-...	0.200	0.195	0.238	0.212	0.215	0.215	0.210	0.212	6.55
22)		Hexachlorobenzene	0.258	0.259	0.308	0.276	0.273	0.267	0.261	0.272	6.46
23)		Atrazine	0.114	0.113	0.136	0.122	0.132	0.147	0.158	0.132	12.53
24)		Pentachlorophenol		0.059	0.072	0.067	0.074	0.082	0.089	0.074	14.55
25)		Phenanthrene	1.080	1.046	1.255	1.110	1.132	1.129	1.104	1.122	5.85
26)		Anthracene	0.808	0.793	0.955	0.869	0.916	0.960	0.977	0.897	8.36
27)	SURR	Fluoranthene-d10	1.016	1.005	1.209	1.077	1.128	1.147	1.156	1.106	6.85
28)		Fluoranthene	1.137	1.093	1.350	1.218	1.287	1.292	1.273	1.236	7.42
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.148	1.098	1.295	1.120	1.114	1.088	1.091	1.136	6.43
31)	S	Terphenyl-d14	0.895	0.837	0.955	0.858	0.801	0.768	0.755	0.838	8.52
32)		Benzo(a)anthra...	1.117	1.013	1.183	0.999	1.034	1.065	1.092	1.072	6.02
33)		Chrysene	1.498	1.303	1.440	1.218	1.213	1.154	1.129	1.279	11.09
34)		Bis(2-ethylhex...	0.349	0.294	0.319	0.269	0.274	0.277	0.320	0.300	9.91
35)		Indeno(1,2,3-c...	1.922	1.724	1.783	1.413	1.416	1.323	1.301	1.555	16.05

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN041621.M

36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	2.111	1.934	1.944	1.629	1.564	1.525	1.477	1.741	14.37
38)		Benzo(k)fluora...	2.028	1.767	1.876	1.584	1.539	1.500	1.481	1.682	12.56
39)	C	Benzo(a)pyrene	1.260	1.205	1.410	1.232	1.275	1.300	1.294	1.282	5.12
40)		Dibenzo(a,h)an...	1.634	1.526	1.701	1.465	1.478	1.440	1.406	1.521	7.09
41)		Benzo(g,h,i)pe...	1.809	1.644	1.833	1.565	1.502	1.466	1.437	1.608	9.99

(#) = Out of Range