Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN042921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Apr 29 15:11:14 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN014484.D 0.2 =BN014485.D 0.4 =BN014486.D 0.8 =BN014487.D 1.6 =BN014488.D 3.2 =BN014489.D 5 =BN014490.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	0.548	0.439	0.391	0.428	0.459	0.445	0.404	0.445	11.48
3)		n-Nitrosodimet...		0.130	0.139	0.193	0.229	0.255	0.253	0.200	27.72
4)	S	2-Fluorophenol	0.716	0.750	0.623	0.668	0.731	0.761	0.727	0.711	6.85
5)	S	Phenol-d6	0.828	0.902	0.747	0.808	0.898	0.977	0.964	0.875	9.65
6)		bis(2-Chloroet...	0.997	1.028	0.897	0.963	1.007	0.996	0.918	0.972	5.00
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.178	0.193	0.176	0.198	0.218	0.239	0.238	0.206	12.82
9)		Naphthalene	1.074	1.079	0.973	1.051	1.089	1.096	1.024	1.055	4.16
10)		Hexachlorobuta...	0.213	0.213	0.185	0.202	0.206	0.205	0.190	0.202	5.35
11)	SURR	2-Methylnaphth...	0.799	0.824	0.738	0.807	0.848	0.873	0.824	0.816	5.22
12)		2-Methylnaphth...	0.656	0.687	0.617	0.678	0.714	0.727	0.679	0.680	5.38
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.088	0.096	0.083	0.097	0.114	0.134		0.102	18.45
15)	S	2-Fluorobiphenyl	1.588	1.625	1.464	1.601	1.609	1.587	1.490	1.566	4.01
16)		Acenaphthylene	1.358	1.405	1.249	1.411	1.547	1.719	1.718	1.487	12.17
17)		Acenaphthene	1.112	1.133	1.025	1.131	1.180	1.216	1.164	1.137	5.35
18)		Fluorene	1.319	1.368	1.242	1.376	1.469	1.507	1.445	1.389	6.61
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.018	0.023	0.022	0.029	0.038	0.047	0.053	0.033	41.24
21)		4-Bromophenyl-...	0.205	0.211	0.188	0.212	0.229	0.237	0.227	0.216	7.83
22)		Hexachlorobenzene	0.307	0.301	0.263	0.293	0.301	0.305	0.282	0.293	5.32
23)		Atrazine	0.089	0.093	0.082	0.098	0.112	0.130		0.101	17.25
24)		Pentachlorophenol		0.035	0.028	0.040	0.051	0.064	0.071	0.048	35.18
25)		Phenanthrene	1.138	1.169	1.018	1.156	1.224	1.256	1.189	1.164	6.54
26)		Anthracene	0.780	0.824	0.725	0.845	0.941	1.031	1.033	0.883	13.73
27)	SURR	Fluoranthene-d10	1.260	1.347	1.171	1.385	1.509	1.596	1.543	1.402	11.12
28)		Fluoranthene	1.090	1.175	1.037	1.263	1.383	1.437	1.364	1.250	12.34
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.432	1.393	1.236	1.314	1.328	1.330	1.247	1.326	5.36
31)	S	Terphenyl-d14	0.968	0.956	0.900	0.930	0.934	0.913	0.846	0.921	4.39
32)		Benzo(a)anthra...	1.042	1.030	0.915	1.011	1.117	1.209	1.179	1.072	9.58
33)		Chrysene	1.385	1.403	1.228	1.360	1.393	1.375	1.268	1.345	5.08
34)		Bis(2-ethylhex...	0.336	0.308	0.261	0.278	0.272	0.286	0.299	0.291	8.71
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.425	1.496	1.325	1.622	1.810	1.872	1.792	1.620	13.09
37)		Benzo(b)fluora...	1.422	1.482	1.355	1.505	1.627	1.690	1.665	1.535	8.34
38)		Benzo(k)fluora...	1.543	1.637	1.489	1.692	1.839	1.853	1.689	1.677	8.17
39)	C	Benzo(a)pyrene	1.196	1.292	1.111	1.297	1.409	1.484	1.441	1.319	10.26
40)		Dibenzo(a,h)an...	1.167	1.232	1.113	1.374	1.540	1.590	1.511	1.361	14.16
41)		Benzo(g,h,i)pe...	1.433	1.445	1.356	1.498	1.622	1.656	1.572	1.512	7.23

(#) = Out of Range