Response Factor Report MSBNA_P

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
Method File : 8270-BP101420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 15 10:48:23 2020
Response Via : Initial Calibration

Calibration Files
5 =BP003606.D 10 =BP003607.D 20 =BP003608.D 40 =BP003609.D 50 =BP003610.D 60 =BP003611.D 80 =BP003612.D

		Compound	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.567	0.563	0.495	0.480	0.472	0.454	0.456	0.498	9.58
3)		Pyridine	1.500	1.578	1.478	1.424	1.419	1.381	1.385	1.452	4.89
4)		n-Nitrosodimet...	0.653	0.689	0.634	0.609	0.607	0.586	0.590	0.624	5.95
5)	S	2-Fluorophenol	1.196	1.244	1.170	1.152	1.135	1.122	1.124	1.163	3.82
6)		Aniline	2.083	2.146	1.994	1.945	1.922	1.893	1.900	1.983	4.91
7)	S	Phenol-d6	1.709	1.817	1.714	1.678	1.662	1.633	1.650	1.695	3.62
8)		2-Chlorophenol	1.228	1.271	1.185	1.163	1.168	1.131	1.133	1.183	4.32
9)		Benzaldehyde	1.257	1.209	1.078	0.897	0.847			1.058	17.26
10)	C	Phenol	1.730	1.755	1.642	1.599	1.589	1.571	1.569	1.637	4.69
11)		bis(2-Chloroet...	1.445	1.426	1.327	1.288	1.249	1.232	1.228	1.314	6.87
12)		1,3-Dichlorobe...	1.673	1.702	1.543	1.496	1.464	1.449	1.437	1.538	7.06
13)	C	1,4-Dichlorobe...	1.637	1.709	1.566	1.531	1.472	1.448	1.436	1.543	6.61
14)		1,2-Dichlorobe...	1.600	1.644	1.490	1.433	1.420	1.389	1.383	1.480	7.02
15)		Benzyl Alcohol	1.364	1.484	1.372	1.342	1.330	1.307	1.328	1.361	4.30
16)		2,2'-oxybis(1-...	1.455	1.519	1.349	1.308	1.290	1.243	1.252	1.345	7.79
17)		2-Methylphenol	1.169	1.200	1.114	1.093	1.078	1.047	1.060	1.109	5.12
18)		Hexachloroethane	0.642	0.648	0.596	0.584	0.578	0.579	0.571	0.600	5.28
19)	P	n-Nitroso-di-n...	1.241	1.252	1.144	1.083	1.088	1.049	1.050	1.130	7.60
20)		3+4-Methylphenols	1.533	1.554	1.492	1.458	1.446	1.421	1.430	1.476	3.50
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.601	0.639	0.585	0.567	0.576	0.571	0.595	0.590	4.20
23)	S	Nitrobenzene-d5	0.373	0.428	0.418	0.428	0.449	0.447	0.477	0.431	7.42
24)		Nitrobenzene	0.385	0.427	0.415	0.416	0.435	0.436	0.459	0.425	5.38
25)		Isophorone	0.804	0.867	0.802	0.781	0.785	0.780	0.815	0.805	3.79
26)	C	2-Nitrophenol	0.102	0.117	0.122	0.135	0.145	0.150		0.128	13.98
27)		2,4-Dimethylph...	0.255	0.278	0.263	0.255	0.264	0.263	0.279	0.265	3.69
28)		bis(2-Chloroet...	0.515	0.529	0.490	0.472	0.483	0.476	0.499	0.495	4.25
29)	C	2,4-Dichloroph...	0.311	0.336	0.321	0.324	0.336	0.337	0.353	0.331	4.13
30)		1,2,4-Trichlor...	0.453	0.464	0.438	0.419	0.429	0.426	0.445	0.439	3.65
31)		Naphthalene	1.080	1.158	1.055	1.037	1.050	1.037	1.089	1.072	4.00
32)		Benzoic acid		0.079	0.109	0.131	0.144	0.152		0.123	23.97
33)		4-Chloroaniline	0.463	0.497	0.462	0.447	0.456	0.448	0.469	0.463	3.67
34)	C	Hexachlorobuta...	0.335	0.349	0.318	0.314	0.315	0.318	0.329	0.326	4.02
35)		Caprolactam	0.098	0.107	0.105	0.103	0.106	0.106	0.110	0.105	3.36
36)	C	4-Chloro-3-met...	0.369	0.389	0.368	0.367	0.378	0.376	0.398	0.378	3.07
37)		2-Methylnaphth...	0.819	0.876	0.778	0.760	0.776	0.770	0.805	0.798	5.03
38)		1-Methylnaphth...	0.768	0.815	0.736	0.719	0.731	0.722	0.759	0.750	4.56

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39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.750	0.803	0.741	0.731	0.753	0.750	0.780	0.758	3.24
41)	P	Hexachlorocycl...	0.374	0.414	0.406	0.420	0.439	0.443	0.463	0.423	6.88
42)	S	2,4,6-Tribromo...	0.232	0.265	0.255	0.260	0.275	0.284	0.296	0.267	7.90
43)	C	2,4,6-Trichlor...	0.377	0.423	0.398	0.409	0.430	0.443	0.464	0.420	6.90
44)		2,4,5-Trichlor...	0.393	0.442	0.432	0.435	0.449	0.461	0.480	0.442	6.10
45)	S	2-Fluorobiphenyl	1.560	1.618	1.505	1.461	1.494	1.500	1.533	1.524	3.40
46)		1,1'-Biphenyl	1.553	1.661	1.531	1.474	1.516	1.526	1.556	1.545	3.76
47)		2-Chloronaphth...	1.302	1.371	1.273	1.227	1.264	1.271	1.297	1.287	3.48
48)		2-Nitroaniline	0.213	0.274	0.299	0.331	0.358	0.370	0.392	0.320	19.47
49)		Acenaphthylene	1.865	2.000	1.856	1.807	1.846	1.855	1.890	1.874	3.24
50)		Dimethylphthalate	1.693	1.769	1.614	1.564	1.608	1.608	1.639	1.642	4.15
51)		2,6-Dinitrotol...	0.224	0.280	0.292	0.298	0.319	0.325	0.334	0.296	12.57
52)	C	Acenaphthene	1.207	1.276	1.207	1.166	1.204	1.223	1.264	1.221	3.09
53)		3-Nitroaniline	0.232	0.278	0.295	0.301	0.322	0.325	0.334	0.298	11.78
54)	P	2,4-Dinitrophenol		0.081	0.094	0.108	0.127	0.136	0.150	0.116	22.73
55)		Dibenzofuran	1.958	2.032	1.893	1.806	1.855	1.852	1.887	1.898	3.98
56)	P	4-Nitrophenol	0.169	0.197	0.205	0.213	0.230	0.239	0.246	0.214	12.60
57)		2,4-Dinitrotol...	0.254	0.341	0.369	0.400	0.425	0.431	0.457	0.383	17.97
58)		Fluorene	1.556	1.657	1.518	1.473	1.498	1.504	1.540	1.535	3.93
59)		2,3,4,6-Tetrac...	0.336	0.402	0.404	0.399	0.423	0.430	0.449	0.406	8.84
60)		Diethylphthalate	1.657	1.731	1.597	1.542	1.583	1.586	1.603	1.614	3.81
61)		4-Chlorophenyl...	0.933	0.968	0.904	0.869	0.889	0.888	0.917	0.910	3.63
62)		4-Nitroaniline	0.257	0.320	0.320	0.336	0.353	0.362	0.374	0.332	11.73
63)		Azobenzene	1.638	1.687	1.540	1.481	1.508	1.495	1.523	1.553	5.05
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.057	0.064	0.075	0.083	0.089	0.096	0.077	19.40
66)	c	n-Nitrosodiphe...	0.606	0.645	0.584	0.572	0.583	0.590	0.601	0.597	4.01
67)		4-Bromophenyl-...	0.264	0.281	0.259	0.251	0.256	0.260	0.267	0.263	3.73
68)		Hexachlorobenzene	0.309	0.320	0.292	0.287	0.291	0.296	0.303	0.300	3.95
69)		Atrazine	0.239	0.254	0.234	0.226	0.223	0.227	0.226	0.233	4.70
70)	C	Pentachlorophenol		0.121	0.124	0.132	0.137	0.148	0.156	0.136	10.00
71)		Phenanthrene	1.124	1.200	1.103	1.068	1.080	1.089	1.114	1.111	3.93
72)		Anthracene	1.099	1.182	1.069	1.041	1.051	1.064	1.081	1.084	4.35
73)		Carbazole	1.010	1.060	0.966	0.936	0.943	0.962	0.974	0.979	4.42
74)		Di-n-butylphth...	1.175	1.265	1.169	1.164	1.173	1.189	1.211	1.192	2.99
75)	C	Fluoranthene	1.399	1.492	1.367	1.318	1.334	1.349	1.369	1.375	4.20
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.570	0.474	0.502	0.453	0.445	0.368	0.469	14.27
78)		Pyrene	1.297	1.398	1.303	1.287	1.315	1.322	1.383	1.329	3.29
79)	S	Terphenyl-d14	1.081	1.171	1.079	1.073	1.094	1.102	1.138	1.105	3.26
80)		Butylbenzylpht...	0.381	0.445	0.448	0.466	0.489	0.499	0.523	0.464	9.96
81)		Benzo(a)anthra...	1.361	1.434	1.318	1.292	1.317	1.324	1.368	1.345	3.53
82)		3,3'-Dichlorob...	0.458	0.509	0.468	0.467	0.473	0.475	0.480	0.475	3.40
83)		Chrysene	1.311	1.359	1.250	1.222	1.240	1.240	1.284	1.272	3.83
84)		Bis(2-ethylhex...	0.648	0.718	0.680	0.695	0.711	0.722	0.757	0.705	4.94
85)	c	Di-n-octyl pht...	1.000	1.132	1.101	1.128	1.168	1.187	1.247	1.138	6.77

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86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.482	1.572	1.483	1.481	1.507	1.524	1.574	1.518	2.69
88)		Benzo(b)fluora...	1.412	1.459	1.377	1.347	1.371	1.371	1.391	1.390	2.63
89)		Benzo(k)fluora...	1.293	1.378	1.258	1.265	1.281	1.302	1.356	1.305	3.50
90)	C	Benzo(a)pyrene	1.234	1.307	1.225	1.223	1.235	1.251	1.286	1.252	2.59
91)		Dibenzo(a,h)an...	1.225	1.309	1.240	1.239	1.252	1.277	1.320	1.266	2.90
92)		Benzo(g,h,i)pe...	1.170	1.264	1.174	1.166	1.179	1.190	1.221	1.195	3.00

(#) = Out of Range