Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-BN111218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 12 15:59:25 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BN003500.D 10 =BN003501.D 25 =BN003502.D
40 =BN003503.D 50 =BN003504.D 60 =BN003505.D

		Compound	2.5	10	25	40	50	60	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)		1,4-Dioxane	0.446	0.431	0.425	0.424	0.425	0.427	0.429	1.92
3)		Pyridine	1.240	1.271	1.281	1.292	1.293	1.298	1.281	1.60
4)		n-Nitrosodimethyl		0.354	0.387	0.394	0.403	0.405	0.391	4.92
5)	S	2-Fluorophenol	1.041	1.086	1.121	1.129	1.124	1.140	1.109	3.11
6)		Aniline	1.739	1.873	1.940	1.938	1.950	1.951	1.901	4.02
7)	S	Phenol-d6	1.441	1.546	1.568	1.562	1.557	1.562	1.538	2.90
8)		2-Chlorophenol	1.303	1.404	1.417	1.422	1.424	1.433	1.404	3.21
9)		Benzaldehyde	0.990	1.071	1.081	1.076	1.066	1.060	1.053	3.15
10)	C	Phenol	1.565	1.665	1.675	1.682	1.683	1.683	1.659	2.56
11)		bis(2-Chloroethyl	1.237	1.320	1.340	1.328	1.329	1.339	1.316	2.72
12)		1,3-Dichlorobenze	1.554	1.584	1.587	1.591	1.587	1.597	1.584	0.86
13)	C	1,4-Dichlorobenze	1.574	1.624	1.634	1.628	1.621	1.628	1.618	1.25
14)		1,2-Dichlorobenze	1.535	1.582	1.581	1.562	1.565	1.577	1.565	1.06
15)		Benzyl Alcohol		1.061	1.139	1.159	1.172	1.178	1.146	3.82
16)		2,2'-oxybis(1-Chl		1.720	1.724	1.687	1.666	1.681	1.687	1.81
17)		2-Methylphenol	1.021	1.153	1.179	1.165	1.166	1.175	1.145	4.86
18)		Hexachloroethane	0.461	0.505	0.531	0.540	0.545	0.552	0.527	6.31
19)	P	n-Nitroso-di-n-pr		1.015	1.055	1.038	1.036	1.047	1.035	1.45
20)		3+4-Methylphenols	1.420	1.601	1.632	1.632	1.626	1.640	1.594	4.91
21)	I	Naphthalene-d8	----------	ISTD	----------					
22)		Acetophenone	0.421	0.457	0.467	0.464	0.463	0.463	0.456	3.54
23)	S	Nitrobenzene-d5	0.279	0.311	0.326	0.327	0.328	0.328	0.318	5.75
24)		Nitrobenzene	0.294	0.323	0.330	0.335	0.334	0.335	0.326	4.51
25)		Isophorone		0.505	0.553	0.558	0.560	0.563	0.550	4.05
26)	C	2-Nitrophenol		0.156	0.182	0.190	0.193	0.195	0.185	8.14
27)		2,4-Dimethylpheno	0.236	0.262	0.271	0.272	0.272	0.273	0.265	5.07
28)		bis(2-Chloroethox	0.354	0.383	0.392	0.390	0.389	0.390	0.383	3.42
29)	C	2,4-Dichloropheno	0.267	0.305	0.319	0.323	0.324	0.324	0.312	6.73
30)		1,2,4-Trichlorobe	0.345	0.351	0.359	0.358	0.359	0.359	0.355	1.51
31)		Naphthalene	0.961	0.985	0.987	0.976	0.977	0.973	0.974	1.15
32)		Benzoic acid		0.164	0.205	0.231	0.246	0.250	0.226	15.67
33)		4-Chloroaniline	0.395	0.431	0.444	0.444	0.447	0.445	0.434	4.25
34)	C	Hexachlorobutadie	0.193	0.207	0.216	0.216	0.218	0.219	0.213	4.51
35)		Caprolactam		0.095	0.107	0.112	0.115	0.116	0.110	7.36
36)	C	4-Chloro-3-methyl		0.315	0.330	0.333	0.337	0.337	0.330	2.40
37)		2-Methylnaphthale	0.685	0.703	0.710	0.702	0.694	0.693	0.695	1.55
38)		1-Methylnaphthale	0.665	0.680	0.683	0.679	0.671	0.675	0.673	1.25
39)	I	Acenaphthene-d10	----------	ISTD	----------					
40)		1,2,4,5-Tetrachlo	0.690	0.708	0.725	0.727	0.731	0.731	0.719	2.10
41)	P	Hexachlorocyclope		0.242	0.322	0.351	0.363	0.379	0.341	15.78
42)	S	2,4,6-Tribromophe	0.221	0.277	0.299	0.317	0.322	0.326	0.298	12.94
43)	C	2,4,6-Trichloroph	0.353	0.423	0.456	0.472	0.471	0.473	0.446	10.14
44)		2,4,5-Trichloroph	0.383	0.455	0.486	0.497	0.505	0.507	0.476	9.40
45)	S	2-Fluorobiphenyl	1.512	1.547	1.529	1.510	1.480	1.479	1.498	2.54
46)		1,1'-Biphenyl	1.773	1.795	1.800	1.790	1.770	1.754	1.771	1.60
47)		2-Chloronaphthale	1.300	1.338	1.349	1.348	1.335	1.343	1.333	1.35
48)		2-Nitroaniline		0.291	0.327	0.339	0.344	0.348	0.332	6.42
49)		Acenaphthylene	1.804	1.986	2.014	2.014	1.995	2.006	1.966	3.83
50)		Dimethylphthalate	1.434	1.554	1.596	1.603	1.591	1.608	1.567	3.90
51)		2,6-Dinitrotoluen		0.339	0.361	0.369	0.372	0.379	0.366	3.96

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-BN111218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 12 15:59:25 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BN003500.D 10 =BN003501.D 25 =BN003502.D
40 =BN003503.D 50 =BN003504.D 60 =BN003505.D

		Compound	2.5	10	25	40	50	60	Avg	%RSD
52)	C	Acenaphthene	1.175	1.210	1.203	1.206	1.193	1.198	1.192	1.42
53)		3-Nitroaniline		0.353	0.384	0.399	0.404	0.408	0.391	5.15
54)	P	2,4-Dinitrophenol		0.090	0.142	0.171	0.185	0.198	0.165	25.91
55)		Dibenzofuran	1.943	2.004	1.989	1.982	1.950	1.964	1.964	1.52
56)	P	4-Nitrophenol		0.239	0.283	0.307	0.319	0.326	0.299	10.96
57)		2,4-Dinitrotoluen		0.441	0.483	0.505	0.510	0.517	0.494	5.75
58)		Fluorene	1.397	1.471	1.476	1.469	1.460	1.467	1.451	2.09
59)		2,3,4,6-Tetrachlo	0.332	0.409	0.436	0.453	0.458	0.464	0.430	10.95
60)		Diethylphthalate		1.785	1.666	1.641	1.625	1.632	1.658	3.98
61)		4-Chlorophenyl-ph	0.828	0.855	0.868	0.861	0.862	0.864	0.854	1.64
62)		4-Nitroaniline		0.338	0.381	0.404	0.412	0.418	0.392	7.44
63)		Azobenzene		1.342	1.367	1.374	1.352	1.363	1.353	1.43
64)	I	Phenanthrene-d10	----------ISTD----------							
65)		4,6-Dinitro-2-met		0.090	0.120	0.131	0.138	0.141	0.127	16.07
66)	c	n-Nitrosodiphenyl	0.601	0.644	0.659	0.640	0.634	0.631	0.633	2.83
67)		4-Bromophenyl-phe	0.235	0.245	0.260	0.256	0.256	0.255	0.252	3.57
68)		Hexachlorobenzene	0.284	0.290	0.297	0.293	0.297	0.296	0.294	1.76
69)		Atrazine		0.222	0.241	0.240	0.241	0.240	0.237	3.09
70)	C	Pentachlorophenol		0.156	0.188	0.201	0.208	0.210	0.196	10.87
71)		Phenanthrene	1.047	1.062	1.062	1.048	1.037	1.041	1.045	1.50
72)		Anthracene	0.936	1.020	1.054	1.043	1.037	1.043	1.021	3.89
73)		Carbazole	0.876	1.005	1.022	1.035	1.038	1.038	1.002	5.74
74)		Di-n-butylphthala		1.075	1.193	1.206	1.207	1.216	1.183	4.50
75)	C	Fluoranthene		1.076	1.098	1.142	1.159	1.167	1.126	3.19
76)	I	Chrysene-d12	----------ISTD----------							
77)		Benzidine		0.546	0.690	0.740	0.716	0.731	0.692	10.59
78)		Pyrene	1.248	1.375	1.405	1.397	1.342	1.341	1.350	3.89
79)	S	Terphenyl-d14	0.970	1.061	1.063	1.045	0.994	0.993	1.016	3.85
80)		Butylbenzylphthal		0.486	0.576	0.594	0.596	0.601	0.579	8.16
81)		Benzo(a)anthracen	1.072	1.142	1.169	1.150	1.154	1.144	1.138	2.71
82)		3,3'-Dichlorobenz		0.427	0.473	0.487	0.491	0.487	0.474	5.01
83)		Chrysene	1.060	1.100	1.102	1.107	1.091	1.085	1.088	1.59
84)		Bis(2-ethylhexyl)		0.721	0.828	0.870	0.860	0.873	0.839	7.22
85)	c	Di-n-octyl phthal		1.010	1.180	1.298	1.320	1.340	1.246	10.39
86)		Indeno(1,2,3-cd)p	1.073	1.121	1.208	1.174	1.158	1.127	1.149	3.93
87)	I	Perylene-d12	----------ISTD----------							
88)		Benzo(b)fluoranth	0.994	1.090	1.148	1.138	1.125	1.169	1.114	5.18
89)		Benzo(k)fluoranth	1.015	1.074	1.117	1.130	1.155	1.154	1.108	4.47
90)	C	Benzo(a)pyrene	0.910	0.992	1.052	1.057	1.069	1.079	1.032	5.86
91)		Dibenzo(a,h)anthr	0.919	1.011	1.094	1.081	1.077	1.090	1.051	6.13
92)		Benzo(g,h,i)peryl	0.921	0.975	1.058	1.049	1.042	1.050	1.022	5.19

(#) = Out of Range ### Number of calibration levels exceeded format ###