Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN111322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 14 02:29:35 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN022625.D 0.2 =BN022626.D 0.4 =BN022627.D 0.8 =BN022628.D 1.6 =BN022629.D 3.2 =BN022630.D 5.0 =BN022631.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	0.592	0.579	0.557	0.574	0.578	0.540	0.513	0.562	4.85
3)		n-Nitrosodimet...	0.759	0.630	0.651	0.638	0.646	0.609	0.584	0.645	8.59
4)	S	2-Fluorophenol	1.385	1.319	1.252	1.216	1.218	1.136	1.100	1.232	8.01
5)	S	Phenol-d6	1.643	1.588	1.542	1.514	1.535	1.469	1.419	1.530	4.82
6)		bis(2-Chloroet...	1.371	1.360	1.277	1.319	1.352	1.288	1.239	1.315	3.73
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.433	0.380	0.399	0.388	0.417	0.419	0.425	0.409	4.90
9)		Naphthalene	3.185	1.964	1.482	1.260	1.234	1.206	1.203	1.648	44.36
10)		Hexachlorobuta...	0.228	0.218	0.214	0.210	0.217	0.214	0.212	0.216	2.68
11)	SURR	2-Methylnaphth...	0.661	0.654	0.649	0.648	0.675	0.682	0.678	0.664	2.16
12)		2-Methylnaphth...	0.268	0.260	0.266	0.273	0.291	0.299	0.302	0.280	6.10
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.220	0.212	0.225	0.213	0.226	0.226	0.232	0.222	3.31
15)	S	2-Fluorobiphenyl	1.610	1.581	1.632	1.557	1.631	1.604	1.626	1.606	1.74
16)		Acenaphthylene	1.747	1.720	1.815	1.821	1.996	2.062	2.122	1.898	8.45
17)		Acenaphthene	1.270	1.238	1.274	1.235	1.292	1.297	1.304	1.273	2.17
18)		Fluorene	2.253	1.941	1.870	1.762	1.804	1.799	1.786	1.888	9.12
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.066	0.064	0.069	0.075	0.084	0.090	0.101	0.078	17.54
21)		4-Bromophenyl-...	0.239	0.230	0.236	0.230	0.243	0.240	0.247	0.238	2.76
22)		Hexachlorobenzene	0.265	0.259	0.265	0.259	0.269	0.263	0.268	0.264	1.59
23)		Atrazine	0.232	0.222	0.224	0.218	0.231	0.229	0.233	0.227	2.46
24)		Pentachlorophenol	0.100	0.098	0.112	0.119	0.136	0.137	0.147	0.121	15.72
25)		Phenanthrene	1.604	1.456	1.383	1.292	1.344	1.301	1.335	1.388	7.95
26)		Anthracene	1.151	1.109	1.135	1.096	1.180	1.186	1.220	1.154	3.83
27)	SURR	Fluoranthene-d10	1.166	1.132	1.166	1.127	1.180	1.169	1.196	1.162	2.15
28)		Fluoranthene	1.470	1.414	1.459	1.424	1.487	1.474	1.484	1.459	1.98
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.707	1.677	1.697	1.631	1.688	1.669	1.655	1.675	1.56
31)	S	Terphenyl-d14	1.227	1.220	1.229	1.219	1.239	1.170	1.229	1.219	1.87
32)		Benzo(a)anthra...	1.567	1.526	1.541	1.471	1.543	1.519	1.562	1.533	2.11
33)		Chrysene	1.517	1.492	1.529	1.500	1.533	1.531	1.528	1.518	1.09
34)		Bis(2-ethylhex...		1.298	1.131	1.027	1.100	1.057	1.110	1.121	8.48
35)	I	Perylene-d12	----------ISTD----------								

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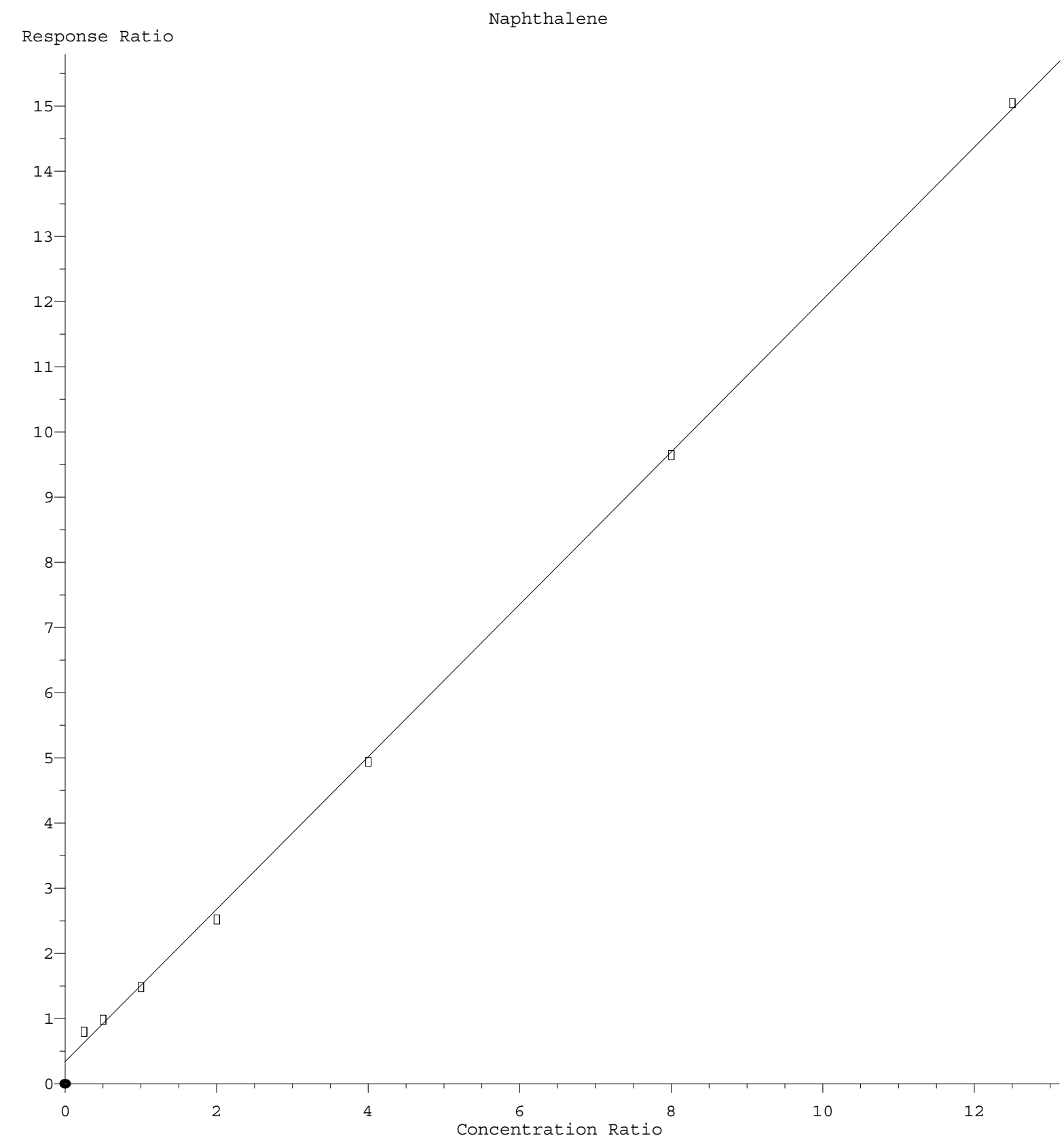
36)		Indeno(1,2,3-c...	1.625	1.579	1.703	1.624	1.791	1.782	1.839	1.706	5.87
37)		Benzo(b)fluora...	1.546	1.518	1.594	1.540	1.632	1.648	1.650	1.590	3.47
38)		Benzo(k)fluora...	1.560	1.569	1.631	1.579	1.654	1.654	1.655	1.615	2.70
39)	C	Benzo(a)pyrene	1.271	1.239	1.303	1.258	1.336	1.340	1.364	1.302	3.62
40)		Dibenzo(a,h)an...	1.290	1.256	1.358	1.297	1.444	1.433	1.484	1.366	6.50
41)		Benzo(g,h,i)pe...	1.373	1.331	1.429	1.349	1.479	1.452	1.493	1.415	4.56

(#) = Out of Range



Response = 1.170e+000 * Amt + 3.353e-001
Coef of Det (r^2) = 0.999588 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN111322.M
Calibration Table Last Updated: Mon Nov 14 02:29:35 2022