Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_E\Methods\
Method File : 8270-SIM-BE040621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 06 17:42:42 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BE101211.D 0.2 =BE101212.D 0.4 =BE101213.D 0.8 =BE101214.D 1.6 =BE101215.D 3.2 =BE101216.D 5 =BE101217.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	0.796	0.640	0.635	0.572	0.594	0.551	0.488	0.611	15.86
3)		n-Nitrosodimet...		0.585	0.625	0.628	0.693	0.677	0.623	0.639	6.18
4)	S	2-Fluorophenol	1.063	1.048	0.935	0.859	0.932	0.908	0.849	0.942	8.96
5)	S	Phenol-d6	1.546	1.555	1.410	1.359	1.474	1.528	1.475	1.478	4.94
6)		bis(2-Chloroet...	1.414	1.415	1.373	1.348	1.388	1.370	1.242	1.364	4.33
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.282	0.269	0.283	0.280	0.307	0.325	0.334	0.297	8.46
9)		Naphthalene	4.374	4.384	4.418	4.332	4.375	4.423	4.137	4.349	2.26
10)		Hexachlorobuta...	0.202	0.198	0.195	0.189	0.191	0.189	0.178	0.192	3.99
11)	SURR	2-Methylnaphth...	0.904	0.919	0.911	0.917	0.944	0.985	0.936	0.931	2.97
12)		2-Methylnaphth...	0.753	0.761	0.754	0.773	0.794	0.840	0.798	0.782	4.02
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.098	0.100	0.097	0.109	0.132			0.107	13.68
15)	S	2-Fluorobiphenyl	1.498	1.498	1.525	1.405	1.462	1.398	1.271	1.437	6.08
16)		Acenaphthylene	1.399	1.401	1.480	1.483	1.695	1.761	1.683	1.557	9.70
17)		Acenaphthene	1.117	1.153	1.157	1.129	1.217	1.232	1.168	1.168	3.66
18)		Fluorene	1.493	1.528	1.493	1.544	1.639	1.714	1.554	1.566	5.20
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.028	0.030	0.036	0.042	0.057	0.076		0.045	41.32
21)		4-Bromophenyl-...	0.184	0.188	0.202	0.195	0.211	0.206	0.201	0.198	4.78
22)		Hexachlorobenzene	0.195	0.191	0.214	0.195	0.207	0.202	0.195	0.200	4.13
23)		Atrazine	0.121	0.126	0.123	0.139	0.168			0.135	14.33
24)		Pentachlorophenol		0.050	0.053	0.060	0.077	0.097	0.106	0.074	31.90
25)		Phenanthrene	1.154	1.188	1.194	1.166	1.212	1.240	1.141	1.185	2.92
26)		Anthracene	0.879	0.903	0.939	0.995	1.098	1.157	1.100	1.010	10.81
27)	SURR	Fluoranthene-d10	5.726	6.651	5.685	7.230	7.535	8.349	7.406	6.940	14.13
28)		Fluoranthene	1.198	1.442	1.265	1.651	1.704	1.871	1.644	1.539	15.95
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.506	1.792	1.283	1.633	1.609	1.137	1.161	1.446	17.58
31)	S	Terphenyl-d14	1.042	1.272	0.955	1.229	1.207	0.900	0.906	1.073	14.95
32)		Benzo(a)anthra...	1.102	1.072	1.076	1.079	1.183	1.206	1.149	1.124	4.92
33)		Chrysene	1.392	1.383	1.354	1.336	1.368	1.316	1.212	1.337	4.58
34)		Bis(2-ethylhex...	0.931	0.850	0.793	0.687	0.811			0.814	10.91
35)		Indeno(1,2,3-c...	1.108	1.151	1.073	1.003	1.022	0.744	0.752	0.979	16.91

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.179	1.201	1.280	1.218	1.346	1.524	1.411	1.308	9.64
38)		Benzo(k)fluora...	1.280	1.362	1.394	1.429	1.482	1.650	1.571	1.452	8.71
39)	C	Benzo(a)pyrene	0.964	0.994	1.047	1.081	1.199	1.271	1.225	1.111	10.79
40)		Dibenzo(a,h)an...	0.930	0.994	1.068	1.148	1.268	1.033	1.142	1.083	10.38
41)		Benzo(g,h,i)pe...	1.115	1.161	1.210	1.227	1.323	1.046	1.143	1.175	7.55

(#) = Out of Range