Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_E\Methods\
Method File : 8270-SIM-BE041221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 12 18:02:55 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BE101278.D 0.2 =BE101279.D 0.4 =BE101280.D 0.8 =BE101281.D 1.6 =BE101282.D 3.2 =BE101283.D 5 =BE101284.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	0.815	0.734	0.720	0.660	0.669	0.648	0.559	0.686	11.71
3)		n-Nitrosodimet...		0.810	0.830	0.786	0.787	0.789	0.710	0.785	5.19
4)	S	2-Fluorophenol	1.411	1.269	1.204	1.126	1.145	1.145	1.013	1.188	10.59
5)	S	Phenol-d6	2.030	1.917	1.800	1.720	1.759	1.733	1.646	1.801	7.27
6)		bis(2-Chloroet...	1.422	1.398	1.445	1.373	1.364	1.322	1.228	1.365	5.32
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.371	0.361	0.356	0.354	0.374	0.393	0.374	0.369	3.60
9)		Naphthalene	4.367	4.397	4.386	4.269	4.374	4.390	4.095	4.325	2.56
10)		Hexachlorobuta...	0.190	0.187	0.189	0.179	0.187	0.190	0.171	0.185	3.77
11)	SURR	2-Methylnaphth...	0.894	0.915	0.921	0.908	0.941	0.923	0.926	0.918	1.61
12)		2-Methylnaphth...	0.740	0.737	0.768	0.751	0.786	0.768	0.782	0.762	2.56
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.105	0.102	0.099	0.111	0.128	0.127	0.154	0.118	16.77
15)	S	2-Fluorobiphenyl	1.446	1.412	1.382	1.397	1.424	1.417	1.281	1.394	3.86
16)		Acenaphthylene	1.574	1.497	1.510	1.649	1.748	1.789	1.680	1.635	6.94
17)		Acenaphthene	1.167	1.139	1.106	1.127	1.172	1.148	1.105	1.138	2.35
18)		Fluorene	1.532	1.485	1.497	1.539	1.570	1.518	1.504	1.521	1.90
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.029	0.024	0.027	0.036	0.051	0.059		0.038	37.86
21)		4-Bromophenyl-...	0.201	0.198	0.201	0.209	0.216	0.222	0.201	0.207	4.42
22)		Hexachlorobenzene	0.199	0.199	0.192	0.198	0.207	0.207	0.190	0.199	3.34
23)		Atrazine	0.167	0.165	0.164	0.178	0.196	0.193	0.217	0.183	10.88
24)		Pentachlorophenol		0.009	0.011	0.015	0.020	0.025		0.016	40.58
25)		Phenanthrene	1.170	1.166	1.152	1.167	1.223	1.187	1.099	1.166	3.22
26)		Anthracene	0.963	0.990	0.999	1.043	1.115	1.113	1.076	1.043	5.85
27)	SURR	Fluoranthene-d10	6.249	6.839	6.928	7.252	7.205	7.036	7.491	7.000	5.66
28)		Fluoranthene	1.314	1.458	1.514	1.590	1.580	1.544	1.636	1.520	7.05
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.406	1.424	1.347	1.236	1.399	1.191	1.009	1.287	11.78
31)	S	Terphenyl-d14	1.005	1.075	1.029	0.950	1.037	0.897	0.797	0.970	9.95
32)		Benzo(a)anthra...	1.302	1.253	1.204	1.227	1.277	1.295	1.206	1.252	3.28
33)		Chrysene	1.341	1.347	1.330	1.313	1.340	1.339	1.218	1.318	3.47
34)		Bis(2-ethylhex...	2.084	1.436	1.451	1.257	1.521	2.015	1.927	1.670	19.74
35)		Indeno(1,2,3-c...	1.568	1.287	1.183	0.999	1.240	1.509		1.298	16.29

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.313	1.310	1.293	1.364	1.375	1.349	1.403	1.344	2.97
38)		Benzo(k)fluora...	1.348	1.372	1.333	1.404	1.399	1.456	1.462	1.396	3.55
39)	C	Benzo(a)pyrene	1.204	1.184	1.162	1.186	1.247	1.275	1.210	1.210	3.23
40)		Dibenzo(a,h)an...	1.191	1.253	1.249	1.227	1.337	1.297	0.869	1.203	12.86
41)		Benzo(g,h,i)pe...	1.243	1.293	1.280	1.243	1.348	1.307	0.874	1.227	13.02

(#) = Out of Range