Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE081415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Aug 14 16:52:42 2015
Response Via : Initial Calibration

Calibration Files
0.1 =BE090515.D 0.2 =BE090516.D 0.5 =BE090517.D 0.8 =BE090518.D 1 =BE090519.D 2 =BE090520.D 5 =BE090521.D
10 =BE090522.D

		Compound	0.1	0.2	0.5	0.8	1	2	5	10	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane	0.846	0.759	0.630	0.673	0.696	0.539	0.556	0.564	0.658	16.40
3)		n-Nitrosodimet...	1.067	0.842	0.816	0.910	0.850	0.767	0.803	0.846	0.863	10.70
4)	S	2-Fluorophenol	1.852	1.531	1.346	1.472	1.454	1.231	1.313	1.367	1.446	13.14
5)	S	Phenol-d6	2.486	2.073	1.975	2.256	2.039	1.939	2.066	2.167	2.125	8.35
6)	I	Naphthalene-d8	----------ISTD----------									
7)	S	Nitrobenzene-d5	0.451	0.366	0.361	0.419	0.379	0.371	0.406	0.433	0.398	8.49
8)		Nitrobenzene	0.453	0.377	0.372	0.438	0.387	0.395	0.428	0.452	0.413	8.16
9)		Naphthalene	1.438	1.205	1.084	1.187	1.129	0.989	1.020	1.037	1.136	12.72
10)		Hexachlorobuta...	0.207	0.180	0.158	0.176	0.167	0.146	0.150	0.151	0.167	12.25
11)		2-Methylnaphth...	0.911	0.764	0.697	0.774	0.723	0.662	0.688	0.701	0.740	10.63
12)	I	Acenaphthene-d10	----------ISTD----------									
13)	S	2,4,6-Tribromo...	0.223	0.173	0.168	0.200	0.174	0.183	0.205	0.213	0.192	10.74
14)	S	2-Fluorobiphenyl	1.806	1.534	1.413	1.574	1.490	1.322	1.393	1.413	1.493	10.07
15)		Acenaphthylene	1.098	0.932	0.854	0.968	0.896	0.816	0.861	0.881	0.913 E1	9.67
16)		Acenaphthene	1.690	1.452	1.296	1.446	1.356	1.203	1.261	1.286	1.374	11.26
17)		Fluorene	2.141	1.718	1.575	1.784	1.675	1.483	1.551	1.546	1.684	12.48
18)	I	Phenanthrene-d10	----------ISTD----------									
19)		4-Bromophenyl-...	0.251	0.213	0.196	0.221	0.199	0.179	0.189	0.188	0.204	11.39
20)		Hexachlorobenzene	1.140	0.941	0.889	0.953	0.902	0.774	0.809	0.838	0.906	12.51
21)		Pentachlorophenol	0.082	0.057	0.060	0.079	0.059	0.083	0.100	0.115	0.079	26.12
22)		Phenanthrene	1.726	1.371	1.260	1.357	1.288	1.135	1.170	1.192	1.312	14.29
23)		Anthracene	1.451	1.182	1.146	1.289	1.167	1.086	1.153	1.194	1.208	9.40
24)		Fluoranthene	1.723	1.396	1.331	1.471	1.360	1.246	1.316	1.327	1.396	10.55
25)	I	Chrysene-d12	----------ISTD----------									
26)		Pyrene	1.816	1.466	1.343	1.488	1.397	1.274	1.319	1.340	1.430	12.02
27)	S	Terphenyl-d14	1.142	0.924	0.855	0.963	0.901	0.818	0.851	0.861	0.914	11.26
28)		Benzo(a)anthra...	1.731	1.373	1.236	1.350	1.252	1.152	1.205	1.227	1.316	13.91
29)		Chrysene	1.711	1.417	1.283	1.404	1.333	1.179	1.208	1.220	1.344	12.84
30)		Bis(2-ethylhex...	0.941	0.664	0.615	0.731	0.596	0.687	0.754	0.807	0.725	15.47
31)		Indeno(1,2,3-c...	1.537	1.235	1.159	1.307	1.170	1.142	1.252	1.329	1.266	10.18
32)	I	Perylene-d12	----------ISTD----------									

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33)		Benzo(b)fluora...	1.402	1.184	1.089	1.213	1.155	1.066	1.154	1.209	1.184	8.66
34)		Benzo(k)fluora...	1.649	1.326	1.242	1.442	1.353	1.193	1.261	1.267	1.342	10.88
35)	C	Benzo(a)pyrene	1.328	1.084	1.009	1.150	1.073	0.991	1.073	1.153	1.108	9.58
36)		Dibenzo(a,h)an...	1.264	1.024	0.952	1.104	1.014	0.971	1.075	1.145	1.069	9.58
37)		Benzo(g,h,i)pe...	1.399	1.151	1.071	1.207	1.150	1.045	1.136	1.193	1.169	9.24

(#) = Out of Range