Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE111616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 16 15:43:18 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092528.D 0.2 =BE092529.D 0.4 =BE092530.D 0.8 =BE092531.D 1.6 =BE092532.D 3.2 =BE092533.D 5 =BE092534.D
10 =BE092535.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	10	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane	0.967	0.727	0.656	0.687	0.625	0.620	0.592	0.575	0.681	18.47
3)		n-Nitrosodimet...	0.437	0.402	0.559	0.646	0.718	0.793	0.816	0.861	0.654	26.64
4)	S	2-Fluorophenol	0.803	0.636	0.843	0.867	0.927	0.992			0.844	14.42
5)	S	Phenol-d6	1.017	0.854	1.018	1.104	1.220	1.412			1.104	17.44
6)		bis(2-Chloroet...	1.247	0.931	1.191	1.221	1.447	1.586	1.600	1.506	1.341	17.35
7)	I	Naphthalene-d8	----------	ISTD	----------							
8)	S	Nitrobenzene-d5	0.236	0.209	0.264	0.279	0.303	0.325			0.269	15.80
9)		Naphthalene	1.255	0.934	1.028	1.015	0.984	1.015	1.005	1.018	1.032	9.21
10)		Hexachlorobuta...	0.199	0.144	0.159	0.156	0.150	0.151	0.149	0.149	0.157	11.27
11)		2-Methylnaphth...	0.726	0.546	0.625	0.645	0.650	0.681	0.689	0.704	0.658	8.55
12)	I	Acenaphthene-d10	----------	ISTD	----------							
13)	S	2,4,6-Tribromo...	0.116	0.088	0.105	0.106	0.121	0.137			0.112	14.92
14)	S	2-Fluorobiphenyl	1.439	1.083	1.225	1.209	1.233	1.192	1.182	1.189	1.219	8.20
15)		Acenaphthylene	8.241	5.924	6.677	6.690	7.018	6.925	7.000	7.225	6.962	9.31
16)		Acenaphthene	1.508	1.086	1.135	1.084	1.082	1.077	1.066	1.050	1.136	13.42
17)		Fluorene	1.612	1.212	1.395	1.409	1.422	1.413	1.398	1.401	1.408	7.62
18)	I	Phenanthrene-d10	----------	ISTD	----------							
19)		Hexachlorobenzene	0.225	0.171	0.177	0.178	0.196	0.208	0.215	0.208	0.197	10.11
20)		Pentachlorophenol	0.032	0.029	0.028	0.033	0.041	0.055			0.036	28.51
21)		Phenanthrene	1.329	1.004	1.077	1.064	1.056	1.111	1.140	1.168	1.119	8.89
22)		Anthracene	1.133	0.919	0.988	0.977	0.993	1.077	1.144	1.197	1.053	9.30
23)		Fluoranthene	5.813	4.518	4.894	5.089	5.130	5.307	5.449	5.551	5.219	7.75
24)	I	Chrysene-d12	----------	ISTD	----------							
25)		Pyrene	4.922	3.263	3.711	4.005	3.919	3.791	3.947	4.239	3.975	11.96
26)	S	Terphenyl-d14	0.702	0.470	0.529	0.555	0.553	0.567	0.581	0.616	0.572	11.79
27)		Benzo(a)anthra...	7.147	3.774	3.951	4.397	4.453	4.447	4.494	4.871	4.692	22.35
28)		Chrysene	4.642	4.117	4.407	4.503	4.076	3.843	4.106	4.304	4.250	6.16
29)		Bis(2-ethylhex...	0.468	0.246	0.255	0.264	0.263	0.301	0.337		0.305	25.79
30)		Indeno(1,2,3-c...	6.425	3.998	4.490	4.692	4.495	4.462	4.498	4.718	4.722	15.29
31)	I	Perylene-d12	----------	ISTD	----------							
32)		Benzo(b)fluora...	1.431	1.035	1.166	1.229	1.134	1.200	1.253	1.260	1.213	9.44

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33)		Benzo(k)fluora...	1.632	1.116	1.199	1.161	1.270	1.276	1.251	1.257	1.270	12.35
34)	C	Benzo(a)pyrene	1.322	0.902	1.038	1.058	1.079	1.185	1.192	1.201	1.122	11.50
35)		Dibenzo(a,h)an...	1.291	0.911	1.034	1.061	1.091	1.138	1.166	1.193	1.111	10.32
36)		Benzo(g,h,i)pe...	5.599	4.021	4.504	4.567	4.564	4.685	4.778	4.897	4.702	9.47

(#) = Out of Range