Response Factor Report GC/MS Ins

Method Path : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\
Method File : 8270-SIM-BE111218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 12 13:32:15 2018
Response Via : Initial Calibration

Calibration Files
0.1 =BE098183.D 0.2 =BE098184.D 0.4 =BE098185.D
0.8 =BE098186.D 1.6 =BE098187.D 3.2 =BE098188.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)		1,4-Dioxane	0.869	0.703	0.572	0.575	0.576	0.604	0.650	18.24
3)		n-Nitrosodimethyl	0.701	0.754	0.732	0.811	0.807	0.905	0.785	9.24
4)	S	2-Fluorophenol	1.209	1.156	1.104	1.077	1.075	1.155	1.129	4.69
5)	S	Phenol-d6	1.951	1.788	1.766	1.688	1.761	1.931	1.814	5.74
6)		bis(2-Chloroethyl	1.604	1.548	1.369	1.400	1.388	1.474	1.464	6.54
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.382	0.399	0.377	0.407	0.407	0.423	0.399	4.29
9)		Naphthalene	4.300	4.245	3.932	4.005	3.920	4.005	4.068	4.01
10)		Hexachlorobutadie	0.270	0.265	0.244	0.243	0.248	0.248	0.253	4.52
11)	SURR	2-Methylnaphthale	0.725	0.735	0.675	0.692	0.683	0.701	0.702	3.39
12)		2-Methylnaphthale	0.708	0.703	0.682	0.705	0.706	0.730	0.706	2.19
13)	I	Acenaphthene-d10	----------	ISTD	----------					
14)	S	2,4,6-Tribromophe	0.194	0.173	0.150	0.167	0.170	0.193	0.174	9.56
15)	S	2-Fluorobiphenyl	1.972	1.857	1.585	1.595	1.495	1.548	1.675	11.46
16)		Acenaphthylene	1.799	1.916	1.775	1.833	1.805	1.874	1.834	2.88
17)		Acenaphthene	1.200	1.151	1.085	1.093	1.082	1.109	1.120	4.15
18)		Fluorene	1.453	1.469	1.396	1.430	1.411	1.445	1.434	1.89
19)	I	Phenanthrene-d10	----------	ISTD	----------					
20)		4-Bromophenyl-phe	0.237	0.249	0.229	0.246	0.244	0.258	0.244	4.13
21)		Hexachlorobenzene	0.260	0.258	0.246	0.251	0.249	0.258	0.254	2.27
22)		Pentachlorophenol	0.039	0.040	0.041	0.045	0.055		0.044	15.05
23)		Phenanthrene	1.025	1.019	0.961	0.989	0.977	1.008	0.996	2.50
24)		Anthracene	0.909	0.904	0.887	0.945	0.933	0.992	0.928	4.05
25)	SURR	Fluoranthene-d10	5.084	5.177	4.767	4.969	4.872	5.102	4.995	3.10
26)		Fluoranthene	1.239	1.282	1.182	1.224	1.213	1.262	1.234	2.89
27)	I	Chrysene-d12	----------	ISTD	----------					
28)		Pyrene	1.171	1.142	0.999	1.103	1.069	1.121	1.101	5.51
29)	S	Terphenyl-d14	1.015	0.962	0.817	0.897	0.857	0.899	0.908	7.84
30)		Benzo(a)anthracen	1.196	1.163	1.028	1.137	1.123	1.173	1.137	5.19
31)		Chrysene	1.247	1.211	1.059	1.139	1.113	1.156	1.154	5.84
32)		Bis(2-ethylhexyl)	2.601	2.426	2.063	2.294	2.325	2.455	2.360	7.70
33)		Indeno(1,2,3-cd)p	1.040	1.021	0.997	1.075	1.064	1.153	1.058	5.13
34)	I	Perylene-d12	----------	ISTD	----------					
35)		Benzo(b)fluoranth	1.169	1.161	1.045	1.134	1.123	1.177	1.135	4.30
36)		Benzo(k)fluoranth	1.232	1.215	1.118	1.190	1.196	1.233	1.197	3.55
37)	C	Benzo(a)pyrene	1.117	1.096	1.017	1.084	1.082	1.135	1.088	3.71
38)		Dibenzo(a,h)anthr	0.833	0.895	0.868	0.945	0.979	1.043	0.927	8.32
39)		Benzo(g,h,i)peryl	0.959	0.970	0.887	0.985	0.971	1.034	0.968	4.92

(#) = Out of Range