Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_E\Methods\
Method File : 8270-SIM-BE032421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 24 16:00:06 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BE101144.D 0.2 =BE101145.D 0.4 =BE101146.D 0.8 =BE101147.D 1.6 =BE101148.D 3.2 =BE101149.D 5 =BE101150.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	0.721	0.705	0.735	0.683	0.612	0.562	0.526	0.649	12.72
3)		n-Nitrosodimet...		0.650	0.732	0.690	0.686	0.666	0.640	0.677	4.86
4)	S	2-Fluorophenol	1.018	0.912	1.065	0.922	0.915	0.896	0.873	0.943	7.48
5)	S	Phenol-d6	1.466	1.434	1.638	1.442	1.446	1.430	1.408	1.466	5.29
6)		bis(2-Chloroet...	1.263	1.198	1.373	1.245	1.237	1.161	1.103	1.226	6.97
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.230	0.212	0.232	0.233	0.234	0.254	0.277	0.239	8.69
9)		Naphthalene	3.998	3.950	4.462	4.134	4.113	3.966	3.890	4.073	4.73
10)		Hexachlorobuta...	0.185	0.182	0.204	0.185	0.185	0.181	0.172	0.185	5.29
11)	SURR	2-Methylnaphth...	0.610	0.607	0.702	0.651	0.677	0.661	0.661	0.653	5.23
12)		2-Methylnaphth...	0.639	0.647	0.742	0.707	0.729	0.731	0.710	0.701	5.91
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.059	0.059	0.065	0.068	0.077	0.086	0.085	0.071	16.19
15)	S	2-Fluorobiphenyl	1.552	1.491	1.642	1.589	1.492	1.432	1.311	1.501	7.25
16)		Acenaphthylene	1.309	1.395	1.597	1.550	1.625	1.672	1.624	1.539	8.77
17)		Acenaphthene	1.035	1.065	1.148	1.126	1.152	1.132	1.083	1.106	4.09
18)		Fluorene	1.269	1.347	1.548	1.498	1.539	1.506	1.411	1.445	7.36
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.019	0.016	0.021	0.021	0.024		0.020		15.09
21)		4-Bromophenyl-...	0.171	0.166	0.190	0.179	0.194	0.184	0.175	0.180	5.66
22)		Hexachlorobenzene	0.190	0.189	0.214	0.196	0.200	0.192	0.189	0.196	4.62
23)		Atrazine	0.095	0.093	0.112	0.117	0.144		0.112		18.10
24)		Pentachlorophenol		0.031	0.043	0.045	0.054	0.064	0.074	0.052	30.29
25)		Phenanthrene	1.086	1.044	1.214	1.116	1.149	1.095	1.091	1.114	4.87
26)		Anthracene	0.810	0.811	0.993	0.933	1.040	1.030	1.040	0.951	10.84
27)	SURR	Fluoranthene-d10	4.641	4.607	5.516	5.020	5.244	5.169	5.172	5.053	6.51
28)		Fluoranthene	1.231	1.257	1.561	1.449	1.506	1.458	1.435	1.414	8.74
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.205	1.151	1.337	1.174	1.173	1.135	1.087	1.181	6.65
31)	S	Terphenyl-d14	0.907	0.874	1.030	0.952	0.907	0.864	0.828	0.909	7.31
32)		Benzo(a)anthra...	0.907	0.938	1.063	1.061	1.060	1.069	1.059	1.022	6.74
33)		Chrysene	1.213	1.152	1.429	1.203	1.250	1.187	1.142	1.225	7.94
34)		Bis(2-ethylhex...	0.607	0.551	0.636	0.600	0.744	0.915		0.676	19.79
35)		Indeno(1,2,3-c...	0.672	0.674	0.827	0.778	0.857	0.913	0.929	0.807	12.99

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	0.839	0.815	1.092	1.100	1.126	1.186	1.049	14.90
38)		Benzo(k)fluora...	1.046	1.193	1.447	1.459	1.453	1.422	1.381	1.343	11.96
39)	C	Benzo(a)pyrene	0.741	0.740	0.996	1.049	1.110	1.124	1.124	0.983	17.51
40)		Dibenzo(a,h)an...	0.506	0.583	0.786	0.830	0.933	0.982	1.009	0.804	24.31
41)		Benzo(g,h,i)pe...	0.829	0.838	1.088	1.037	1.080	1.093	1.096	1.009	12.03

(#) = Out of Range