Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN072421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jul 23 14:45:01 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BN015662.D 0.2 =BN015663.D 0.4 =BN015665.D 0.8 =BN015664.D 1.6 =BN015666.D 3.2 =BN015667.D 5 =BN015668.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	0.119	0.113	0.113	0.131	0.125	0.120	0.115	0.119	5.42
3)		n-Nitrosodimet...	0.255	0.276	0.275	0.302	0.322	0.323	0.311	0.295	8.92
4)	S	2-Fluorophenol	0.966	0.940	0.888	0.963	1.006	1.011	0.965	0.963	4.30
5)	S	Phenol-d6	1.067	1.062	1.020	1.140	1.218	1.227	1.173	1.130	7.18
6)		bis(2-Chloroet...	1.159	1.166	1.129	1.167	1.177	1.113	1.029	1.134	4.58
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.269	0.267	0.247	0.261	0.293	0.312	0.312	0.280	9.11
9)		Naphthalene	1.107	1.073	1.037	1.069	1.087	1.057	1.002	1.062	3.23
10)		Hexachlorobuta...	0.209	0.204	0.200	0.204	0.205	0.200	0.190	0.202	2.96
11)	SURR	2-Methylnaphth...	0.598	0.592	0.574	0.602	0.620	0.609	0.579	0.596	2.70
12)		2-Methylnaphth...	0.693	0.686	0.670	0.700	0.712	0.687	0.644	0.685	3.22
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.104	0.110	0.112	0.133	0.163			0.124	19.37
15)	S	2-Fluorobiphenyl	1.827	1.806	1.578	1.591	1.599	1.544	1.469	1.631	8.25
16)		Acenaphthylene	1.427	1.461	1.541	1.690	1.861	1.889	1.826	1.671	11.69
17)		Acenaphthene	1.175	1.162	1.116	1.155	1.202	1.189	1.129	1.161	2.67
18)		Fluorene	1.349	1.341	1.331	1.405	1.480	1.431	1.360	1.385	3.98
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.012	0.011	0.013	0.021	0.033	0.047	0.053	0.027	64.18
21)		4-Bromophenyl-...	0.213	0.221	0.220	0.238	0.249	0.250	0.238	0.233	6.37
22)		Hexachlorobenzene	0.267	0.267	0.261	0.274	0.272	0.263	0.249	0.265	3.12
23)		Atrazine	0.122	0.124	0.124	0.147	0.176			0.139	16.85
24)		Pentachlorophenol	0.039	0.037	0.035	0.050	0.068	0.090	0.102	0.060	45.40
25)		Phenanthrene	1.200	1.211	1.174	1.230	1.259	1.227	1.151	1.207	3.01
26)		Anthracene	0.870	0.892	0.904	1.021	1.119	1.129	1.087	1.003	11.26
27)	SURR	Fluoranthene-d10	0.990	1.000	0.982	1.079	1.155	1.156	1.108	1.067	7.18
28)		Fluoranthene	1.186	1.236	1.250	1.378	1.429	1.368	1.274	1.303	6.84
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.527	1.474	1.392	1.435	1.448	1.406	1.374	1.437	3.66
31)	S	Terphenyl-d14	1.073	1.041	0.919	0.931	0.931	0.897	0.873	0.952	7.89
32)		Benzo(a)anthra...	1.117	1.161	1.103	1.260	1.357	1.397	1.380	1.254	10.15
33)		Chrysene	1.487	1.396	1.395	1.381	1.429	1.346	1.287	1.389	4.52
34)		Bis(2-ethylhex...		0.379	0.337	0.397	0.523	0.703	0.810	0.525	36.75
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.303	1.337	1.345	1.464	1.575	1.601	1.520	1.449	8.40
37)		Benzo(b)fluora...	1.437	1.411	1.428	1.574	1.637	1.558	1.486	1.504	5.75
38)		Benzo(k)fluora...	1.433	1.477	1.510	1.587	1.593	1.525	1.420	1.506	4.53
39)	C	Benzo(a)pyrene	1.068	1.073	1.087	1.253	1.356	1.377	1.319	1.219	11.44
40)		Dibenzo(a,h)an...	0.979	1.027	1.053	1.164	1.261	1.277	1.217	1.140	10.52
41)		Benzo(g,h,i)pe...	1.254	1.253	1.247	1.356	1.407	1.418	1.355	1.327	5.64

(#) = Out of Range