

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132431.D
 Acq On : 16 Feb 2023 13:29
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/17/2023
 Supervised By : Jagrut Upadhyay 02/17/2023

Quant Time: Feb 17 02:59:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 02:36:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	181224	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	622101	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	325681	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	616611	20.000	ng	0.00
76) Chrysene-d12	14.242	240	377798	20.000	ng	0.00
86) Perylene-d12	15.801	264	353455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1215131	107.441	ng	0.00
7) Phenol-d6	6.660	99	1595355	108.029	ng	0.01
23) Nitrobenzene-d5	7.601	82	1519723	117.379	ng	0.00
42) 2,4,6-Tribromophenol	10.877	330	372293	114.571	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	2156249	102.289	ng	0.00
79) Terphenyl-d14	13.171	244	2466685	118.908	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.907	88	348614	56.979	ng	99
3) Pyridine	3.684	79	977056	58.832	ng	99
4) n-Nitrosodimethylamine	3.654	42	392527	59.862	ng	99
6) Aniline	6.701	93	1153425	56.049	ng	99
8) 2-Chlorophenol	6.819	128	630514	54.609	ng	97
10) Phenol	6.672	94	858333	54.845	ng	96
11) bis(2-Chloroethyl)ether	6.766	93	747658	56.320	ng	97
12) 1,3-Dichlorobenzene	6.978	146	680970	54.141	ng	97
13) 1,4-Dichlorobenzene	7.048	146	676250	53.898	ng	99
14) 1,2-Dichlorobenzene	7.207	146	595802	51.831	ng	97
15) Benzyl Alcohol	7.172	79	648084	59.329	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.301	45	1024905	55.526	ng	99
17) 2-Methylphenol	7.278	107	610367	55.532	ng	99
18) Hexachloroethane	7.548	117	270722	57.145	ng	97
19) n-Nitroso-di-n-propyla...	7.448	70	499946	55.222	ng	100
20) 3+4-Methylphenols	7.437	107	719982	53.054	ng	# 75
22) Acetophenone	7.448	105	867336	53.795	ng	99
24) Nitrobenzene	7.625	77	829475	58.434	ng	98
25) Isophorone	7.854	82	1510748	59.382	ng	99
26) 2-Nitrophenol	7.936	139	343227	62.200	ng	93
27) 2,4-Dimethylphenol	7.966	122	569726	57.184	ng	100
28) bis(2-Chloroethoxy)met...	8.060	93	853355	57.398	ng	100
29) 2,4-Dichlorophenol	8.178	162	547998	58.302	ng	98
30) 1,2,4-Trichlorobenzene	8.260	180	593708	56.796	ng	97
31) Naphthalene	8.342	128	1744146	54.024	ng	98
32) Benzoic acid	8.095	122	453179	60.751	ng	98
33) 4-Chloroaniline	8.389	127	736526	54.910	ng	98
34) Hexachlorobutadiene	8.454	225	379216	57.462	ng	98
35) Caprolactam	8.778	113	189007m	61.941	ng	
36) 4-Chloro-3-methylphenol	8.866	107	613323	58.317	ng	99
37) 2-Methylnaphthalene	9.036	142	1182611	54.429	ng	100
38) 1-Methylnaphthalene	9.136	142	1113649	54.556	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	591067	56.009	ng	99
41) Hexachlorocyclopentadiene	9.183	237	381425	65.806	ng	100
43) 2,4,6-Trichlorophenol	9.307	196	408815	58.808	ng	99
44) 2,4,5-Trichlorophenol	9.354	196	478949	59.151	ng	98

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46) 1,1'-Biphenyl	9.501	154	1371935	54.427	ng	99
47) 2-Chloronaphthalene	9.531	162	1088619	55.023	ng	100
48) 2-Nitroaniline	9.625	65	425592	61.309	ng	97
49) Acenaphthylene	9.948	152	1714774	54.550	ng	99
50) Dimethylphthalate	9.801	163	1352131	56.377	ng	100
51) 2,6-Dinitrotoluene	9.866	165	307006	58.861	ng	99
52) Acenaphthene	10.119	154	1109201	56.700	ng	100
53) 3-Nitroaniline	10.042	138	360357	60.176	ng	99
54) 2,4-Dinitrophenol	10.136	184	191537	60.477	ng	# 88
55) Dibenzofuran	10.289	168	1590267	54.789	ng	98
56) 4-Nitrophenol	10.189	139	272091	62.628	ng	98
57) 2,4-Dinitrotoluene	10.272	165	407467	59.346	ng	99
58) Fluorene	10.636	166	1185958	54.045	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.407	232	367361	60.031	ng	99
60) Diethylphthalate	10.501	149	1325227	56.210	ng	100
61) 4-Chlorophenyl-phenyle...	10.625	204	618737	53.843	ng	99
62) 4-Nitroaniline	10.660	138	318393	56.979	ng	96
63) Azobenzene	10.783	77	1471603	56.413	ng	99
65) 4,6-Dinitro-2-methylph...	10.677	198	246668	64.344	ng	79
66) n-Nitrosodiphenylamine	10.748	169	1071474	56.616	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	389661	57.658	ng	94
68) Hexachlorobenzene	11.183	284	405078	57.342	ng	97
69) Atrazine	11.266	200	343064	58.892	ng	98
70) Pentachlorophenol	11.377	266	288276	62.421	ng	99
71) Phenanthrene	11.607	178	1743824	54.910	ng	100
72) Anthracene	11.660	178	1795801	55.006	ng	99
73) Carbazole	11.813	167	1613931	54.918	ng	100
74) Di-n-butylphthalate	12.130	149	2002192	57.199	ng	99
75) Fluoranthene	12.801	202	1945109	54.920	ng	99
77) Benzidine	12.919	184	462585	57.501	ng	98
78) Pyrene	13.036	202	1971925	61.443	ng	99
80) Butylbenzylphthalate	13.642	149	786979	65.714	ng	99
81) Benzo(a)anthracene	14.230	228	1644409	59.429	ng	100
82) 3,3'-Dichlorobenzidine	14.189	252	416736	56.385	ng	99
83) Chrysene	14.271	228	1536088	58.103	ng	98
84) Bis(2-ethylhexyl)phtha...	14.201	149	976066	62.961	ng	# 99
85) Di-n-octyl phthalate	14.830	149	1509735	67.067	ng	100
87) Indeno(1,2,3-cd)pyrene	17.424	276	1549896	68.598	ng	99
88) Benzo(b)fluoranthene	15.336	252	1321149	56.839	ng	99
89) Benzo(k)fluoranthene	15.371	252	1369899	58.895	ng	99
90) Benzo(a)pyrene	15.736	252	1303744	60.356	ng	100
91) Dibenzo(a,h)anthracene	17.448	278	1252042	67.280	ng	98
92) Benzo(g,h,i)perylene	17.924	276	1319222	69.028	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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