

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132112.D
 Acq On : 18 Jan 2023 11:04
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023

Quant Time: Jan 18 13:11:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 13:09:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	225266	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	827282	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	466329	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	930800	20.000	ng	0.00
76) Chrysene-d12	14.313	240	608363	20.000	ng	0.00
86) Perylene-d12	15.912	264	432924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	290732	21.733	ng	0.00
7) Phenol-d6	6.695	99	377789	20.981	ng	-0.02
23) Nitrobenzene-d5	7.654	82	330232	16.205	ng	-0.01
42) 2,4,6-Tribromophenol	10.936	330	107640	21.089	ng	-0.01
45) 2-Fluorobiphenyl	9.460	172	688124	20.671	ng	0.00
79) Terphenyl-d14	13.242	244	789710	20.231	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.078	88	71487	11.435	ng	98
3) Pyridine	3.819	79	190686	10.697	ng	95
4) n-Nitrosodimethylamine	3.766	42	86272	10.697	ng	99
6) Aniline	6.754	93	249828	11.239	ng	99
8) 2-Chlorophenol	6.878	128	158490	11.030	ng	98
9) Benzaldehyde	6.648	77	132432	10.962	ng	100
10) Phenol	6.713	94	194260	9.036	ng	91
11) bis(2-Chloroethyl)ether	6.819	93	161797	10.517	ng	99
12) 1,3-Dichlorobenzene	7.037	146	171490	10.558	ng	100
13) 1,4-Dichlorobenzene	7.113	146	174412	10.505	ng	98
14) 1,2-Dichlorobenzene	7.266	146	161186	10.369	ng	99
15) Benzyl Alcohol	7.225	79	138795m	8.630	ng	
16) 2,2'-oxybis(1-Chloropr...	7.366	45	241359	12.304	ng	98
17) 2-Methylphenol	7.325	107	137117	10.109	ng	99
18) Hexachloroethane	7.613	117	60486	9.190	ng	95
19) n-Nitroso-di-n-propyla...	7.495	70	117593	9.055	ng	96
20) 3+4-Methylphenols	7.478	107	177974	10.194	ng	95
22) Acetophenone	7.495	105	222708	9.225	ng	99
24) Nitrobenzene	7.672	77	178553	8.619	ng	97
25) Isophorone	7.907	82	324880	9.388	ng	99
26) 2-Nitrophenol	7.989	139	64220	7.932	ng	98
27) 2,4-Dimethylphenol	8.013	122	145690	12.634	ng	97
28) bis(2-Chloroethoxy)met...	8.119	93	201487	10.964	ng	99
29) 2,4-Dichlorophenol	8.225	162	136216	9.785	ng	95
30) 1,2,4-Trichlorobenzene	8.319	180	152380	9.311	ng	99
31) Naphthalene	8.407	128	471666	10.440	ng	99
32) Benzoic acid	8.078	122	67205	7.281	ng	96
33) 4-Chloroaniline	8.442	127	200464	11.377	ng	97
34) Hexachlorobutadiene	8.519	225	98314	8.929	ng	98
35) Caprolactam	8.789	113	40379	9.619	ng	95
36) 4-Chloro-3-methylphenol	8.913	107	138904	8.735	ng	99
37) 2-Methylnaphthalene	9.095	142	332818	10.799	ng	99
38) 1-Methylnaphthalene	9.195	142	310025	10.387	ng	100
40) 1,2,4,5-Tetrachloroben...	9.260	216	169099	10.599	ng	99
41) Hexachlorocyclopentadiene	9.248	237	72857	10.079	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	98355	9.437	ng	98

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44) 2,4,5-Trichlorophenol	9.407	196	126419	11.205	ng	# 93
46) 1,1'-Biphenyl	9.560	154	400842	11.428	ng	98
47) 2-Chloronaphthalene	9.589	162	305045	10.620	ng	96
48) 2-Nitroaniline	9.678	65	89140	8.610	ng	96
49) Acenaphthylene	10.007	152	501194	11.634	ng	98
50) Dimethylphthalate	9.854	163	376755	10.737	ng	99
51) 2,6-Dinitrotoluene	9.919	165	75005	9.941	ng	88
52) Acenaphthene	10.183	154	297161	11.260	ng	99
53) 3-Nitroaniline	10.089	138	79495	10.297	ng	99
54) 2,4-Dinitrophenol	10.189	184	21163	4.681	ng	# 1
55) Dibenzofuran	10.354	168	467888	11.562	ng	96
56) 4-Nitrophenol	10.225	139	52829	9.561	ng	95
57) 2,4-Dinitrotoluene	10.319	165	88189	8.698	ng	99
58) Fluorene	10.701	166	354292	10.828	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	99636	10.578	ng	99
60) Diethylphthalate	10.560	149	381612	11.287	ng	98
61) 4-Chlorophenyl-phenylether	10.689	204	191910	11.036	ng	95
62) 4-Nitroaniline	10.701	138	70698	9.099	ng	91
63) Azobenzene	10.848	77	374477	10.086	ng	96
65) 4,6-Dinitro-2-methylph...	10.730	198	35948	5.625	ng	91
66) n-Nitrosodiphenylamine	10.801	169	318941	11.049	ng	99
67) 4-Bromophenyl-phenylether	11.183	248	117233	10.664	ng	97
68) Hexachlorobenzene	11.248	284	117223	9.695	ng	97
69) Atrazine	11.324	200	104526	10.863	ng	98
70) Pentachlorophenol	11.442	266	71831	11.194	ng	97
71) Phenanthrene	11.671	178	532082	10.483	ng	98
72) Anthracene	11.724	178	547118	11.009	ng	98
73) Carbazole	11.871	167	475670	11.063	ng	98
74) Di-n-butylphthalate	12.201	149	566808	10.587	ng	98
75) Fluoranthene	12.871	202	577937	10.224	ng	99
77) Benzidine	12.989	184	167477	15.013	ng	99
78) Pyrene	13.101	202	593305	10.727	ng	98
80) Butylbenzylphthalate	13.718	149	193992	9.944	ng	93
81) Benzo(a)anthracene	14.301	228	440342	10.050	ng	99
82) 3,3'-Dichlorobenzidine	14.260	252	107452	8.784	ng	98
83) Chrysene	14.336	228	422796	10.224	ng	98
84) Bis(2-ethylhexyl)phtha...	14.277	149	266637	11.462	ng	98
85) Di-n-octyl phthalate	14.918	149	307919	9.483	ng	99
87) Indeno(1,2,3-cd)pyrene	17.571	276	211459	7.272	ng	97
88) Benzo(b)fluoranthene	15.424	252	283180	9.246	ng	98
89) Benzo(k)fluoranthene	15.459	252	307956	10.304	ng	99
90) Benzo(a)pyrene	15.842	252	246132	10.145	ng	97
91) Dibenzo(a,h)anthracene	17.595	278	174360	7.256	ng	98
92) Benzo(g,h,i)perylene	18.077	276	177784	7.485	ng	97

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

