

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132148.D
 Acq On : 19 Jan 2023 15:44
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011923

Quant Time: Jan 20 00:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	163547	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	561606	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	294382	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	541465	20.000	ng	0.00
76) Chrysene-d12	14.307	240	289030	20.000	ng	0.00
86) Perylene-d12	15.901	264	315389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	745654	79.645	ng	0.00
7) Phenol-d6	6.701	99	936762	79.486	ng	0.00
23) Nitrobenzene-d5	7.654	82	876371	82.897	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	264106	83.991	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1484699	73.696	ng	0.00
79) Terphenyl-d14	13.236	244	1375266	79.705	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.013	88	186409	39.301	ng	99
3) Pyridine	3.778	79	507287	39.841	ng	100
4) n-Nitrosodimethylamine	3.737	42	242074	40.425	ng	100
6) Aniline	6.754	93	640806	39.256	ng	99
8) 2-Chlorophenol	6.872	128	399260	40.571	ng	100
9) Benzaldehyde	6.643	77	308063	40.632	ng	97
10) Phenol	6.713	94	487091	39.701	ng	99
11) bis(2-Chloroethyl)ether	6.819	93	407756	39.259	ng	99
12) 1,3-Dichlorobenzene	7.031	146	435096	39.552	ng	99
13) 1,4-Dichlorobenzene	7.107	146	439030	39.996	ng	98
14) 1,2-Dichlorobenzene	7.266	146	399382	39.349	ng	98
15) Benzyl Alcohol	7.225	79	374565	41.551	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.360	45	598742	39.664	ng	99
17) 2-Methylphenol	7.325	107	345436	40.067	ng	99
18) Hexachloroethane	7.607	117	163023	41.373	ng	98
19) n-Nitroso-di-n-propyla...	7.495	70	279754	38.753	ng	99
20) 3+4-Methylphenols	7.478	107	441586	40.648	ng	94
22) Acetophenone	7.501	105	515033	38.155	ng	99
24) Nitrobenzene	7.672	77	461525	41.232	ng	99
25) Isophorone	7.907	82	811356	39.224	ng	100
26) 2-Nitrophenol	7.990	139	188076	44.494	ng	96
27) 2,4-Dimethylphenol	8.013	122	360494	40.276	ng	100
28) bis(2-Chloroethoxy)met...	8.119	93	487002	39.240	ng	99
29) 2,4-Dichlorophenol	8.225	162	346157	40.736	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	379741	39.345	ng	100
31) Naphthalene	8.401	128	1120785	38.858	ng	99
32) Benzoic acid	8.107	122	246749	42.386	ng	93
33) 4-Chloroaniline	8.442	127	484982	39.292	ng	99
34) Hexachlorobutadiene	8.513	225	260381	40.159	ng	99
35) Caprolactam	8.813	113	100708	41.792	ng	98
36) 4-Chloro-3-methylphenol	8.907	107	347512	40.638	ng	97
37) 2-Methylnaphthalene	9.095	142	771500	38.851	ng	99
38) 1-Methylnaphthalene	9.195	142	713576	38.619	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	401549	39.204	ng	99
41) Hexachlorocyclopentadiene	9.242	237	239100	42.778	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	263620	41.471	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	309687	41.656	ng	99
46) 1,1'-Biphenyl	9.560	154	906370	39.026	ng	99
47) 2-Chloronaphthalene	9.589	162	697476	38.849	ng	100
48) 2-Nitroaniline	9.678	65	232437	40.882	ng	98
49) Acenaphthylene	10.007	152	1125150	39.175	ng	99
50) Dimethylphthalate	9.854	163	847054	39.729	ng	99
51) 2,6-Dinitrotoluene	9.919	165	182283	44.109	ng	97
52) Acenaphthene	10.178	154	670346	38.803	ng	98
53) 3-Nitroaniline	10.089	138	192065	43.470	ng	98
54) 2,4-Dinitrophenol	10.189	184	77817	43.353	ng	83
55) Dibenzofuran	10.354	168	1029957	38.579	ng	99
56) 4-Nitrophenol	10.225	139	143657	44.675	ng	88
57) 2,4-Dinitrotoluene	10.319	165	226854	45.732	ng	98
58) Fluorene	10.695	166	755542	38.193	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.460	232	237937	42.074	ng	99
60) Diethylphthalate	10.554	149	828728	39.637	ng	98
61) 4-Chlorophenyl-phenyle...	10.684	204	412428	38.934	ng	99
62) 4-Nitroaniline	10.707	138	167869	40.810	ng	98
63) Azobenzene	10.848	77	811938	38.693	ng	98
65) 4,6-Dinitro-2-methylph...	10.731	198	111699	42.985	ng	94
66) n-Nitrosodiphenylamine	10.801	169	682412	39.352	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	261124	39.565	ng	98
68) Hexachlorobenzene	11.248	284	260189	39.667	ng	98
69) Atrazine	11.325	200	216709	40.505	ng	99
70) Pentachlorophenol	11.436	266	185687	44.053	ng	98
71) Phenanthrene	11.666	178	1106432	38.938	ng	100
72) Anthracene	11.719	178	1118170	38.898	ng	99
73) Carbazole	11.872	167	936219	38.127	ng	98
74) Di-n-butylphthalate	12.195	149	1101796	40.307	ng	99
75) Fluoranthene	12.866	202	1097474	37.600	ng	99
77) Benzidine	12.983	184	352976	40.675	ng	99
78) Pyrene	13.101	202	1091496	40.977	ng	99
80) Butylbenzylphthalate	13.707	149	356250	41.476	ng	95
81) Benzo(a)anthracene	14.295	228	823181	39.867	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	255697	44.466	ng	# 98
83) Chrysene	14.330	228	775281	39.446	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	468631	40.877	ng	99
85) Di-n-octyl phthalate	14.907	149	699411	42.292	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1022972	41.080	ng	99
88) Benzo(b)fluoranthene	15.418	252	789087	41.092	ng	99
89) Benzo(k)fluoranthene	15.454	252	756317	38.618	ng	99
90) Benzo(a)pyrene	15.830	252	762470	41.276	ng	98
91) Dibenzo(a,h)anthracene	17.589	278	836172	44.798	ng	98
92) Benzo(g,h,i)perylene	18.077	276	867368	40.647	ng	100

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

BNA F

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