

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132427.D
 Acq On : 16 Feb 2023 11:15
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Feb 17 02:38:10 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	156268	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	567368	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	298337	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	588070	20.000	ng	0.00
76) Chrysene-d12	14.236	240	452243	20.000	ng	0.00
86) Perylene-d12	15.795	264	411393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	214217	21.966	ng	0.00
7) Phenol-d6	6.637	99	278113	21.840	ng	-0.01
23) Nitrobenzene-d5	7.589	82	239261	20.263	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	60259	20.244	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	448253	23.213	ng	0.00
79) Terphenyl-d14	13.166	244	512082	20.622	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.902	88	54271	10.287	ng	99
3) Pyridine	3.684	79	147277	10.284	ng	98
4) n-Nitrosodimethylamine	3.619	42	53702	9.498	ng	97
6) Aniline	6.690	93	183594m	10.346	ng	
8) 2-Chlorophenol	6.807	128	109607	11.009	ng	98
9) Benzaldehyde	6.578	77	79455	11.670	ng	99
10) Phenol	6.648	94	145237	10.762	ng	99
11) bis(2-Chloroethyl)ether	6.754	93	120747	10.548	ng	100
12) 1,3-Dichlorobenzene	6.972	146	118523	10.928	ng	96
13) 1,4-Dichlorobenzene	7.048	146	117510	10.861	ng	96
14) 1,2-Dichlorobenzene	7.201	146	109626	11.060	ng	98
15) Benzyl Alcohol	7.160	79	92324	9.802	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.301	45	167690	10.536	ng	99
17) 2-Methylphenol	7.266	107	98625	10.406	ng	97
18) Hexachloroethane	7.542	117	41012	10.039	ng	97
19) n-Nitroso-di-n-propyla...	7.425	70	84097	10.772	ng	98
20) 3+4-Methylphenols	7.419	107	130188	11.125	ng	98
22) Acetophenone	7.431	105	161532	10.985	ng	# 97
24) Nitrobenzene	7.607	77	129635	10.013	ng	100
25) Isophorone	7.842	82	232334	10.013	ng	98
26) 2-Nitrophenol	7.925	139	47294	9.397	ng	96
27) 2,4-Dimethylphenol	7.954	122	93910	10.335	ng	97
28) bis(2-Chloroethoxy)met...	8.054	93	141771	10.456	ng	100
29) 2,4-Dichlorophenol	8.166	162	87860	10.249	ng	99
30) 1,2,4-Trichlorobenzene	8.254	180	99990	10.488	ng	97
31) Naphthalene	8.336	128	323403	10.984	ng	98
32) Benzoic acid	8.007	122	26624m	10.797	ng	
33) 4-Chloroaniline	8.378	127	134005	10.954	ng	97
34) Hexachlorobutadiene	8.448	225	61815	10.270	ng	99
35) Caprolactam	8.719	113	25271	9.081	ng	96
36) 4-Chloro-3-methylphenol	8.854	107	95205	9.926	ng	96
37) 2-Methylnaphthalene	9.031	142	212378	10.717	ng	99
38) 1-Methylnaphthalene	9.131	142	200340	10.761	ng	99
40) 1,2,4,5-Tetrachloroben...	9.195	216	102952	10.650	ng	99
41) Hexachlorocyclopentadiene	9.184	237	45519	8.573	ng	99
43) 2,4,6-Trichlorophenol	9.301	196	63174	9.920	ng	98

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44) 2,4,5-Trichlorophenol	9.342	196	73065	9.851	ng	97
46) 1,1'-Biphenyl	9.495	154	256403	11.104	ng	98
47) 2-Chloronaphthalene	9.519	162	193474	10.675	ng	97
48) 2-Nitroaniline	9.613	65	60171	9.462	ng	92
49) Acenaphthylene	9.936	152	315733	10.965	ng	99
50) Dimethylphthalate	9.783	163	230989	10.514	ng	99
51) 2,6-Dinitrotoluene	9.848	165	48219	10.092	ng	98
52) Acenaphthene	10.113	154	188119	10.498	ng	99
53) 3-Nitroaniline	10.025	138	53564	9.764	ng	100
54) 2,4-Dinitrophenol	10.125	184	14966	9.849	ng	# 47
55) Dibenzofuran	10.283	168	289219	10.878	ng	96
56) 4-Nitrophenol	10.172	139	36281	9.116	ng	95
57) 2,4-Dinitrotoluene	10.254	165	61532	9.783	ng	99
58) Fluorene	10.630	166	221682	11.028	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.401	232	55076	9.825	ng	98
60) Diethylphthalate	10.489	149	223687	10.357	ng	100
61) 4-Chlorophenyl-phenyle...	10.619	204	116978	11.112	ng	93
62) 4-Nitroaniline	10.636	138	51918	10.143	ng	95
63) Azobenzene	10.778	77	249889	10.457	ng	99
65) 4,6-Dinitro-2-methylph...	10.666	198	27706	7.578	ng	99
66) n-Nitrosodiphenylamine	10.730	169	192285	10.653	ng	98
67) 4-Bromophenyl-phenylether	11.113	248	66355	10.295	ng	93
68) Hexachlorobenzene	11.178	284	68778	10.209	ng	95
69) Atrazine	11.254	200	56487	10.167	ng	99
70) Pentachlorophenol	11.372	266	36006	8.175	ng	99
71) Phenanthrene	11.601	178	327921	10.827	ng	98
72) Anthracene	11.648	178	334822	10.753	ng	100
73) Carbazole	11.801	167	302014	10.776	ng	97
74) Di-n-butylphthalate	12.124	149	348760	10.447	ng	99
75) Fluoranthene	12.795	202	365411	10.818	ng	99
77) Benzidine	12.919	184	89433	9.287	ng	99
78) Pyrene	13.030	202	385401	10.032	ng	99
80) Butylbenzylphthalate	13.636	149	128909	8.992	ng	98
81) Benzo(a)anthracene	14.224	228	332833	10.049	ng	98
82) 3,3'-Dichlorobenzidine	14.183	252	93284	10.544	ng	99
83) Chrysene	14.260	228	322566	10.193	ng	97
84) Bis(2-ethylhexyl)phtha...	14.195	149	178792	9.634	ng	100
85) Di-n-octyl phthalate	14.824	149	233038	8.648	ng	100
87) Indeno(1,2,3-cd)pyrene	17.401	276	224243	8.527	ng	99
88) Benzo(b)fluoranthene	15.324	252	271758	10.045	ng	98
89) Benzo(k)fluoranthene	15.354	252	273710	10.110	ng	98
90) Benzo(a)pyrene	15.724	252	247122	9.829	ng	99
91) Dibenzo(a,h)anthracene	17.424	278	187868	8.674	ng	98
92) Benzo(g,h,i)perylene	17.895	276	185529	8.341	ng	96

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

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