

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132409.D
 Acq On : 13 Feb 2023 14:34
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 00:13:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.037	152	136062	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	339480	20.000	ng	0.00
39) Acenaphthene-d10	10.089	164	235976	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	440421	20.000	ng	0.00
76) Chrysene-d12	14.242	240	303474	20.000	ng	# 0.00
86) Perylene-d12	15.807	264	296049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	743868	87.878	ng	0.00
7) Phenol-d6	6.660	99	1088152	104.271	ng	0.00
23) Nitrobenzene-d5	7.607	82	907365	148.734	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	376844	155.291	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1753768	114.768	ng	0.00
79) Terphenyl-d14	13.177	244	2016359	128.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.907	88	232305	58.325	ng	99
3) Pyridine	3.684	79	433397	40.109	ng	98
4) n-Nitrosodimethylamine	3.654	42	143387	41.471	ng	98
6) Aniline	6.701	93	657284m	46.414	ng	
8) 2-Chlorophenol	6.819	128	498808	56.896	ng	96
9) Benzaldehyde	6.584	77	166276	26.106	ng	98
10) Phenol	6.672	94	554270	51.314	ng	97
11) bis(2-Chloroethyl)ether	6.772	93	513634	57.779	ng	98
12) 1,3-Dichlorobenzene	6.978	146	538123	58.035	ng	99
13) 1,4-Dichlorobenzene	7.054	146	547065	59.106	ng	100
14) 1,2-Dichlorobenzene	7.207	146	498610	57.764	ng	98
15) Benzyl Alcohol	7.172	79	349520	45.901	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.307	45	392461	41.903	ng	99
17) 2-Methylphenol	7.278	107	421171	54.881	ng	100
18) Hexachloroethane	7.548	117	201245	57.959	ng	97
19) n-Nitroso-di-n-propyla...	7.448	70	266638	44.981	ng	99
20) 3+4-Methylphenols	7.437	107	507163	51.778	ng	93
22) Acetophenone	7.448	105	612689	76.743	ng	99
24) Nitrobenzene	7.625	77	452404	72.589	ng	97
25) Isophorone	7.860	82	733691	63.364	ng	100
26) 2-Nitrophenol	7.936	139	235778	77.667	ng	99
27) 2,4-Dimethylphenol	7.966	122	341279	64.227	ng	100
28) bis(2-Chloroethoxy)met...	8.066	93	433816	60.967	ng	99
29) 2,4-Dichlorophenol	8.178	162	357969	75.879	ng	97
30) 1,2,4-Trichlorobenzene	8.260	180	380533	75.325	ng	97
31) Naphthalene	8.348	128	1166230	69.791	ng	100
32) Benzoic acid	8.089	122	262237	66.673	ng	99
33) 4-Chloroaniline	8.389	127	475262m	64.139	ng	
34) Hexachlorobutadiene	8.454	225	253938	89.414	ng	98
35) Caprolactam	8.778	113	83452m	51.889	ng	
36) 4-Chloro-3-methylphenol	8.866	107	292629	57.577	ng	99
37) 2-Methylnaphthalene	9.036	142	786672	69.501	ng	100
38) 1-Methylnaphthalene	9.136	142	771905	73.384	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	391249	58.917	ng	99
41) Hexachlorocyclopentadiene	9.189	237	261685	67.543	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	286936	60.447	ng	97

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44) 2,4,5-Trichlorophenol	9.354	196	323483	59.206	ng	98
46) 1,1'-Biphenyl	9.501	154	1090325	59.933	ng	99
47) 2-Chloronaphthalene	9.531	162	837047	60.409	ng	97
48) 2-Nitroaniline	9.625	65	210065	50.975	ng	96
49) Acenaphthylene	9.948	152	1341144	59.305	ng	100
50) Dimethylphthalate	9.801	163	1034086	62.647	ng	100
51) 2,6-Dinitrotoluene	9.866	165	234100	63.501	ng	100
52) Acenaphthene	10.125	154	876024	61.875	ng	99
53) 3-Nitroaniline	10.042	138	265610	59.411	ng	96
54) 2,4-Dinitrophenol	10.142	184	143103	75.262	ng	97
55) Dibenzofuran	10.295	168	1193333	59.990	ng	99
56) 4-Nitrophenol	10.189	139	205387	61.050	ng	98
57) 2,4-Dinitrotoluene	10.272	165	311644	65.077	ng	97
58) Fluorene	10.642	166	921492	60.192	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	265325	66.613	ng	99
60) Diethylphthalate	10.501	149	1026417	62.506	ng	99
61) 4-Chlorophenyl-phenyle...	10.625	204	467601	64.359	ng	95
62) 4-Nitroaniline	10.660	138	227487	53.062	ng	96
63) Azobenzene	10.789	77	803557	50.238	ng	96
65) 4,6-Dinitro-2-methylph...	10.683	198	179329	71.742	ng	98
66) n-Nitrosodiphenylamine	10.748	169	814298	59.045	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	299893	66.497	ng	93
68) Hexachlorobenzene	11.189	284	334613	69.417	ng	94
69) Atrazine	11.272	200	252432	63.636	ng	98
70) Pentachlorophenol	11.383	266	222438	67.161	ng	99
71) Phenanthrene	11.613	178	1359541	59.073	ng	100
72) Anthracene	11.660	178	1398128	59.694	ng	99
73) Carbazole	11.813	167	1214374	57.825	ng	99
74) Di-n-butylphthalate	12.136	149	1550934	62.467	ng	100
75) Fluoranthene	12.807	202	1428507	60.824	ng	98
77) Benzidine	12.930	184	254677	24.004	ng	99
78) Pyrene	13.042	202	1462362	59.912	ng	100
80) Butylbenzylphthalate	13.648	149	661533	61.344	ng	98
81) Benzo(a)anthracene	14.236	228	1324852	62.418	ng	99
82) 3,3'-Dichlorobenzidine	14.189	252	354165	52.388	ng	99
83) Chrysene	14.271	228	1222734	61.521	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	912510	62.602	ng	99
85) Di-n-octyl phthalate	14.836	149	1405440	59.114	ng	100
87) Indeno(1,2,3-cd)pyrene	17.436	276	1369008	69.594	ng	99
88) Benzo(b)fluoranthene	15.342	252	1129199	60.006	ng	99
89) Benzo(k)fluoranthene	15.377	252	1162289	64.706	ng	100
90) Benzo(a)pyrene	15.748	252	1099657	62.754	ng	99
91) Dibenzo(a,h)anthracene	17.459	278	1125992	71.195	ng	100
92) Benzo(g,h,i)perylene	17.936	276	1132613	69.320	ng	99

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

