

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127215.D
 Acq On : 07 Mar 2022 10:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 07 14:56:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	85892	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	319142	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	167080	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	289981	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	190152	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	145670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	448349	80.678	ng	0.00
7) Phenol-d6	6.516	99	603569	80.489	ng	0.00
23) Nitrobenzene-d5	7.451	82	599930	84.850	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	182035	94.628	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1032555	90.979	ng	0.00
79) Terphenyl-d14	13.004	244	1164542	90.029	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	115962	45.601	ng	98
3) Pyridine	3.422	79	305422	45.790	ng	95
4) n-Nitrosodimethylamine	3.398	42	142445	43.596	ng	80
6) Aniline	6.545	93	346671	39.018	ng	95
8) 2-Chlorophenol	6.669	128	250728	42.049	ng	93
9) Benzaldehyde	6.434	77	194940	42.707	ng	99
10) Phenol	6.528	94	298567m	39.405	ng	
11) bis(2-Chloroethyl)ether	6.616	93	235733	39.667	ng	99
12) 1,3-Dichlorobenzene	6.822	146	266989	41.509	ng	98
13) 1,4-Dichlorobenzene	6.898	146	280512	43.018	ng	97
14) 1,2-Dichlorobenzene	7.051	146	260185	41.841	ng	98
15) Benzyl Alcohol	7.022	79	231027	36.570	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.151	45	311700	33.308	ng	88
17) 2-Methylphenol	7.134	107	207500	40.222	ng	# 93
18) Hexachloroethane	7.392	117	104749	41.908	ng	# 86
19) n-Nitroso-di-n-propyla...	7.292	70	182682	37.807	ng	98
20) 3+4-Methylphenols	7.286	107	263125	39.278	ng	97
22) Acetophenone	7.292	105	351516	41.833	ng	98
24) Nitrobenzene	7.469	77	279608	41.862	ng	98
25) Isophorone	7.704	82	496132	42.405	ng	# 97
26) 2-Nitrophenol	7.781	139	133507	46.946	ng	# 81
27) 2,4-Dimethylphenol	7.816	122	198823m	42.558	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	297170	41.896	ng	98
29) 2,4-Dichlorophenol	8.022	162	200720	45.699	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	220802	44.965	ng	98
31) Naphthalene	8.186	128	723905	43.452	ng	99
32) Benzoic acid	7.945	122	133311	40.236	ng	# 83
33) 4-Chloroaniline	8.239	127	283635	43.254	ng	98
34) Hexachlorobutadiene	8.298	225	135007	47.093	ng	99
35) Caprolactam	8.616	113	65096	42.440	ng	# 87
36) 4-Chloro-3-methylphenol	8.722	107	245959	43.816	ng	100
37) 2-Methylnaphthalene	8.875	142	472585	43.717	ng	97
38) 1-Methylnaphthalene	8.975	142	469469	45.351	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	202495	46.041	ng	97
41) Hexachlorocyclopentadiene	9.027	237	95151	39.889	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	139728	43.316	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	149224	43.961	ng	95
46) 1,1'-Biphenyl	9.345	154	571868	43.201	ng	97
47) 2-Chloronaphthalene	9.369	162	436649	44.482	ng	95
48) 2-Nitroaniline	9.469	65	165253	42.660	ng	98
49) Acenaphthylene	9.786	152	687863	43.139	ng	98
50) Dimethylphthalate	9.645	163	509479	42.660	ng	99
51) 2,6-Dinitrotoluene	9.710	165	106077	43.657	ng	# 84
52) Acenaphthene	9.957	154	460272m	44.385	ng	
53) 3-Nitroaniline	9.886	138	127878	43.055	ng	89
54) 2,4-Dinitrophenol	9.992	184	54445	42.334	ng	# 85
55) Dibenzofuran	10.133	168	619632	43.454	ng	93
56) 4-Nitrophenol	10.045	139	81773	37.277	ng	# 77
57) 2,4-Dinitrotoluene	10.116	165	144367	43.944	ng	# 96
58) Fluorene	10.474	166	473539	42.633	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	120928	44.936	ng	# 91
60) Diethylphthalate	10.345	149	544578	43.640	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	233554	44.593	ng	97
62) 4-Nitroaniline	10.504	138	120298	41.016	ng	# 76
63) Azobenzene	10.627	77	554555	39.909	ng	94
65) 4,6-Dinitro-2-methylph...	10.527	198	80372	47.171	ng	95
66) n-Nitrosodiphenylamine	10.586	169	418142	43.975	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	151340	46.710	ng	97
68) Hexachlorobenzene	11.022	284	162863	46.693	ng	93
69) Atrazine	11.110	200	135586	45.975	ng	96
70) Pentachlorophenol	11.221	266	70975	37.277	ng	97
71) Phenanthrene	11.439	178	713661	43.970	ng	99
72) Anthracene	11.492	178	692355	42.849	ng	100
73) Carbazole	11.651	167	626303	42.267	ng	98
74) Di-n-butylphthalate	11.968	149	824617	43.289	ng	99
75) Fluoranthene	12.633	202	698546	45.327	ng	94
77) Benzidine	12.751	184	185371	35.872	ng	# 96
78) Pyrene	12.863	202	672497	40.708	ng	99
80) Butylbenzylphthalate	13.474	149	318873	40.772	ng	86
81) Benzo(a)anthracene	14.051	228	533120	41.587	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	167918	41.564	ng	# 96
83) Chrysene	14.092	228	526581	43.682	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	403160	39.264	ng	# 98
85) Di-n-octyl phthalate	14.639	149	602807	40.775	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.062	276	435045	45.546	ng	# 85
88) Benzo(b)fluoranthene	15.109	252	452314	46.231	ng	# 93
89) Benzo(k)fluoranthene	15.145	252	419330	44.436	ng	# 94
90) Benzo(a)pyrene	15.486	252	333666	43.662	ng	# 93
91) Dibenzo(a,h)anthracene	17.080	278	355778	45.036	ng	# 90
92) Benzo(g,h,i)perylene	17.527	276	344216	44.198	ng	# 84

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

