

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128165.D
 Acq On : 10 May 2022 17:38
 Operator : CG\JU
 Sample : N2745-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-31SMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2022
 Supervised By : Jagrut Upadhyay 05/11/2022

Quant Time: May 11 04:00:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78237	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	301035	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	172966	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	306509	20.000	ng	0.00
76) Chrysene-d12	14.074	240	173768	20.000	ng	0.00
86) Perylene-d12	15.562	264	181675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	662762	135.043	ng	0.02
7) Phenol-d6	6.528	99	821225	126.511	ng	0.00
23) Nitrobenzene-d5	7.463	82	671910	100.432	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	286386	144.369	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1129452	102.173	ng	0.00
79) Terphenyl-d14	13.015	244	1160813	125.349	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	97764	44.780	ng	# 82
3) Pyridine	3.598	79	228552	39.460	ng	99
4) n-Nitrosodimethylamine	3.551	42	153859	53.289	ng	93
6) Aniline	6.563	93	115624	15.773	ng	99
8) 2-Chlorophenol	6.681	128	267602	53.534	ng	99
9) Benzaldehyde	6.451	77	137857	43.477	ng	98
10) Phenol	6.539	94	299109	43.695	ng	92
11) bis(2-Chloroethyl)ether	6.634	93	275683	53.775	ng	99
12) 1,3-Dichlorobenzene	6.834	146	292044	51.907	ng	95
13) 1,4-Dichlorobenzene	6.910	146	297362	52.305	ng	97
14) 1,2-Dichlorobenzene	7.063	146	282215	52.678	ng	99
15) Benzyl Alcohol	7.039	79	272686	53.157	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	396970	52.217	ng	97
17) 2-Methylphenol	7.145	107	218269	51.468	ng	94
18) Hexachloroethane	7.404	117	113490	52.839	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	211228	52.840	ng	98
20) 3+4-Methylphenols	7.298	107	263858	50.250	ng	# 84
22) Acetophenone	7.304	105	386107	51.508	ng	# 90
24) Nitrobenzene	7.481	77	329294	53.331	ng	99
25) Isophorone	7.716	82	603421	57.531	ng	99
26) 2-Nitrophenol	7.792	139	142717	52.638	ng	99
27) 2,4-Dimethylphenol	7.828	122	247116	59.132	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	346343	52.239	ng	99
29) 2,4-Dichlorophenol	8.033	162	229544	52.246	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	257459	51.130	ng	99
31) Naphthalene	8.198	128	766688	51.569	ng	100
32) Benzoic acid	7.957	122	116399	37.244	ng	94
33) 4-Chloroaniline	8.245	127	61482	10.417	ng	99
34) Hexachlorobutadiene	8.304	225	171102	50.604	ng	98
35) Caprolactam	8.628	113	61808m	43.097	ng	
36) 4-Chloro-3-methylphenol	8.733	107	261040	53.175	ng	96
37) 2-Methylnaphthalene	8.892	142	528113	52.687	ng	99
38) 1-Methylnaphthalene	8.992	142	500567	51.996	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	262832	51.514	ng	98
41) Hexachlorocyclopentadiene	9.039	237	256482	108.069	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	170602	51.901	ng	99

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44) 2,4,5-Trichlorophenol	9.216	196	181310	51.731	ng	95
46) 1,1'-Biphenyl	9.357	154	658081	52.262	ng	98
47) 2-Chloronaphthalene	9.380	162	483749	51.833	ng	96
48) 2-Nitroaniline	9.480	65	180295	53.883	ng	93
49) Acenaphthylene	9.798	152	787420	55.781	ng	100
50) Dimethylphthalate	9.657	163	589253	52.792	ng	100
51) 2,6-Dinitrotoluene	9.727	165	136531	55.762	ng	88
52) Acenaphthene	9.969	154	543785m	55.559	ng	
53) 3-Nitroaniline	9.892	138	47888	18.041	ng	94
54) 2,4-Dinitrophenol	10.004	184	103758	76.600	ng	# 78
55) Dibenzofuran	10.145	168	708095	50.954	ng	99
56) 4-Nitrophenol	10.063	139	163406	88.100	ng	88
57) 2,4-Dinitrotoluene	10.133	165	176714	53.975	ng	# 85
58) Fluorene	10.486	166	560358	51.769	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	150332	50.190	ng	97
60) Diethylphthalate	10.357	149	578997	51.992	ng	100
61) 4-Chlorophenyl-phenyle...	10.474	204	276654	51.250	ng	96
62) 4-Nitroaniline	10.516	138	119993	44.591	ng	95
63) Azobenzene	10.639	77	625108	51.261	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	84700	44.154	ng	94
66) n-Nitrosodiphenylamine	10.598	169	486277	54.436	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	175201	53.130	ng	96
68) Hexachlorobenzene	11.033	284	197287	54.693	ng	95
69) Atrazine	11.127	200	171236	56.826	ng	95
70) Pentachlorophenol	11.233	266	187558	107.135	ng	97
71) Phenanthrene	11.451	178	809559	53.043	ng	100
72) Anthracene	11.504	178	826780	54.257	ng	99
73) Carbazole	11.663	167	701061	48.382	ng	100
74) Di-n-butylphthalate	11.980	149	867064	51.978	ng	99
75) Fluoranthene	12.645	202	790559	47.778	ng	96
77) Benzidine	12.763	184	74838	19.885	ng	98
78) Pyrene	12.874	202	781626	62.035	ng	99
80) Butylbenzylphthalate	13.486	149	307527	58.709	ng	92
81) Benzo(a)anthracene	14.062	228	600790	54.130	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	70775	28.419	ng	99
83) Chrysene	14.098	228	560066	52.885	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	391626	55.334	ng	99
85) Di-n-octyl phthalate	14.651	149	576470	50.990	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	690146	62.799	ng	96
88) Benzo(b)fluoranthene	15.127	252	574999	51.057	ng	98
89) Benzo(k)fluoranthene	15.157	252	566628	50.970	ng	99
90) Benzo(a)pyrene	15.509	252	576989	63.461	ng	# 95
91) Dibenzo(a,h)anthracene	17.109	278	589163	66.219	ng	# 95
92) Benzo(g,h,i)perylene	17.556	276	584850	64.921	ng	96

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

