

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128152.D
 Acq On : 09 May 2022 16:44
 Operator : CG\JU
 Sample : PB144686BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144686BS

Quant Time: May 09 17:12:05 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/10/2022
 Supervised By : Jagrut Upadhyay 05/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	99987	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	393127	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	227767	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	420845	20.000	ng	0.00
76) Chrysene-d12	14.080	240	314429	20.000	ng	0.00
86) Perylene-d12	15.574	264	255829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	576262	91.876	ng	0.01
7) Phenol-d6	6.528	99	746381	89.970	ng	0.00
23) Nitrobenzene-d5	7.463	82	776670	88.896	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	236265	90.446	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1276085	87.663	ng	0.00
79) Terphenyl-d14	13.021	244	1556475	92.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	108563	38.909	ng	97
3) Pyridine	3.563	79	299761	40.497	ng	97
4) n-Nitrosodimethylamine	3.545	42	184404	49.975	ng	93
6) Aniline	6.563	93	377490	40.293	ng	100
8) 2-Chlorophenol	6.681	128	323726	50.674	ng	99
9) Benzaldehyde	6.451	77	202012	59.905	ng	98
10) Phenol	6.539	94	422717	48.319	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	326031	49.762	ng	96
12) 1,3-Dichlorobenzene	6.833	146	343871	47.823	ng	95
13) 1,4-Dichlorobenzene	6.910	146	347045	47.765	ng	97
14) 1,2-Dichlorobenzene	7.063	146	335437	48.992	ng	99
15) Benzyl Alcohol	7.039	79	323010	49.270	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	472023	48.584	ng	99
17) 2-Methylphenol	7.145	107	271162	50.031	ng	96
18) Hexachloroethane	7.404	117	134360	48.948	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	249357	48.809	ng	98
20) 3+4-Methylphenols	7.298	107	319643	47.632	ng	89
22) Acetophenone	7.310	105	452794	46.254	ng	97
24) Nitrobenzene	7.481	77	389017	48.244	ng	98
25) Isophorone	7.722	82	715505	52.237	ng	99
26) 2-Nitrophenol	7.792	139	173747	49.071	ng	98
27) 2,4-Dimethylphenol	7.828	122	298645	54.722	ng	96
28) bis(2-Chloroethoxy)met...	7.928	93	412873	47.686	ng	99
29) 2,4-Dichlorophenol	8.033	162	275348	47.991	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	307151	46.710	ng	98
31) Naphthalene	8.198	128	917276	47.245	ng	100
32) Benzoic acid	7.969	122	187561	45.955	ng	98
33) 4-Chloroaniline	8.251	127	225110	29.207	ng	99
34) Hexachlorobutadiene	8.310	225	200098	45.317	ng	97
35) Caprolactam	8.633	113	83723m	44.702	ng	
36) 4-Chloro-3-methylphenol	8.733	107	310992	48.511	ng	96
37) 2-Methylnaphthalene	8.892	142	617772	47.194	ng	100
38) 1-Methylnaphthalene	8.992	142	586760	46.671	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	306389	45.603	ng	99
41) Hexachlorocyclopentadiene	9.039	237	350247	111.880	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	199269	46.036	ng	100

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44) 2,4,5-Trichlorophenol	9.216	196	208060	45.080	ng	97
46) 1,1'-Biphenyl	9.357	154	771640	46.536	ng	100
47) 2-Chloronaphthalene	9.386	162	566751	46.116	ng	98
48) 2-Nitroaniline	9.486	65	212976	48.336	ng	98
49) Acenaphthylene	9.804	152	925590	49.793	ng	100
50) Dimethylphthalate	9.663	163	694368	47.242	ng	100
51) 2,6-Dinitrotoluene	9.727	165	161740	50.164	ng	94
52) Acenaphthene	9.974	154	675129m	52.382	ng	05/10/2022
53) 3-Nitroaniline	9.898	138	112998	32.327	ng	99
54) 2,4-Dinitrophenol	10.010	184	171887	96.365	ng	# 79
55) Dibenzofuran	10.145	168	821276	44.880	ng	97
56) 4-Nitrophenol	10.069	139	231169	94.647	ng	89
57) 2,4-Dinitrotoluene	10.139	165	211914	49.153	ng	# 83
58) Fluorene	10.492	166	653319	45.835	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	183197	46.446	ng	100
60) Diethylphthalate	10.363	149	688704	46.964	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	323282	45.479	ng	99
62) 4-Nitroaniline	10.522	138	163875	46.246	ng	95
63) Azobenzene	10.639	77	745294	46.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.545	198	118720	45.074	ng	93
66) n-Nitrosodiphenylamine	10.604	169	577045	47.048	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	210537	46.500	ng	99
68) Hexachlorobenzene	11.039	284	236893	47.830	ng	# 89
69) Atrazine	11.133	200	213856	51.689	ng	97
70) Pentachlorophenol	11.233	266	242893	101.049	ng	98
71) Phenanthrene	11.457	178	980659	46.797	ng	100
72) Anthracene	11.510	178	994791	47.547	ng	99
73) Carbazole	11.668	167	908931	45.686	ng	99
74) Di-n-butylphthalate	11.986	149	1089132	47.552	ng	99
75) Fluoranthene	12.651	202	1071929	47.182	ng	97
77) Benzidine	12.768	184	473309	69.502	ng	99
78) Pyrene	12.880	202	1087608	47.704	ng	100
80) Butylbenzylphthalate	13.486	149	455865	48.096	ng	97
81) Benzo(a)anthracene	14.068	228	969433	48.270	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	206383	45.798	ng	99
83) Chrysene	14.110	228	877227	45.778	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	627111	48.968	ng	98
85) Di-n-octyl phthalate	14.657	149	1016441	49.686	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	701386	45.322	ng	96
88) Benzo(b)fluoranthene	15.133	252	858025	54.104	ng	98
89) Benzo(k)fluoranthene	15.168	252	739541	47.241	ng	98
90) Benzo(a)pyrene	15.515	252	740233	57.817	ng	# 97
91) Dibenzo(a,h)anthracene	17.115	278	606140	48.380	ng	96
92) Benzo(g,h,i)perylene	17.562	276	605787	47.754	ng	97

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

