

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135090.D
 Acq On : 05 Sep 2023 11:54
 Operator : CG\JU
 Sample : PB155213BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155213BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 05 12:36:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							09/06/2023
1) 1,4-Dichlorobenzene-d4	6.775	152	104287	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	8.051	136	425187	20.000	ng	0.00	
39) Acenaphthene-d10	9.816	164	223010	20.000	ng	0.00	
64) Phenanthrene-d10	11.304	188	417562	20.000	ng	0.00	
76) Chrysene-d12	13.962	240	261668	20.000	ng	0.00	
86) Perylene-d12	15.427	264	219630	20.000	ng	0.00	09/07/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	877487	129.966	ng	0.02	
7) Phenol-d6	6.422	99	1092358	129.803	ng	0.00	
23) Nitrobenzene-d5	7.339	82	679884	89.834	ng	0.00	
42) 2,4,6-Tribromophenol	10.610	330	320247	135.373	ng	0.00	
45) 2-Fluorobiphenyl	9.133	172	1211623	88.456	ng	0.00	
79) Terphenyl-d14	12.904	244	1433170	89.380	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	106513	37.243	ng		98
3) Pyridine	3.340	79	278775	36.157	ng		96
4) n-Nitrosodimethylamine	3.304	42	172155	45.658	ng		97
6) Aniline	6.439	93	328949	31.531	ng	#	90
8) 2-Chlorophenol	6.557	128	345288	50.340	ng		98
9) Benzaldehyde	6.328	77	110219	25.704	ng		95
10) Phenol	6.434	94	412039	46.638	ng		90
11) bis(2-Chloroethyl)ether	6.516	93	314538	47.279	ng		98
12) 1,3-Dichlorobenzene	6.716	146	343350	48.586	ng		99
13) 1,4-Dichlorobenzene	6.792	146	350419	49.543	ng		99
14) 1,2-Dichlorobenzene	6.939	146	333974	50.600	ng		98
15) Benzyl Alcohol	6.922	79	288956	50.117	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	503504	45.194	ng		98
17) 2-Methylphenol	7.033	107	269428	45.077	ng		97
18) Hexachloroethane	7.281	117	130082	49.649	ng		95
19) n-Nitroso-di-n-propyla...	7.192	70	226242	45.260	ng		97
20) 3+4-Methylphenols	7.186	107	328252	46.551	ng		97
22) Acetophenone	7.186	105	453895	47.994	ng	#	99
24) Nitrobenzene	7.357	77	354344	45.643	ng		96
25) Isophorone	7.598	82	643620	44.854	ng		100
26) 2-Nitrophenol	7.675	139	184075	47.991	ng		98
27) 2,4-Dimethylphenol	7.716	122	275993	44.693	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	383689	44.327	ng		99
29) 2,4-Dichlorophenol	7.916	162	277678	47.312	ng		100
30) 1,2,4-Trichlorobenzene	7.992	180	305429	48.157	ng		98
31) Naphthalene	8.075	128	960354	46.237	ng		99
32) Benzoic acid	7.851	122	233438	47.256	ng		97
33) 4-Chloroaniline	8.128	127	200015	22.017	ng		98
34) Hexachlorobutadiene	8.192	225	172920	48.042	ng		98
35) Caprolactam	8.504	113	94917m	49.393	ng		
36) 4-Chloro-3-methylphenol	8.616	107	309515	48.555	ng		95
37) 2-Methylnaphthalene	8.769	142	613123	44.242	ng		99
38) 1-Methylnaphthalene	8.869	142	580864	44.795	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	281333	45.065	ng		99
41) Hexachlorocyclopentadiene	8.922	237	251971	94.829	ng		96
43) 2,4,6-Trichlorophenol	9.051	196	195957	46.738	ng		99

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44) 2,4,5-Trichlorophenol	9.092	196	208812	43.019	ng	#	94
46) 1,1'-Biphenyl	9.233	154	775351	45.506	ng		99
47) 2-Chloronaphthalene	9.257	162	594919	46.432	ng		96
48) 2-Nitroaniline	9.363	65	201804	46.010	ng		99
49) Acenaphthylene	9.674	152	908417	46.901	ng		99
50) Dimethylphthalate	9.545	163	708675	45.383	ng		100
51) 2,6-Dinitrotoluene	9.604	165	159899	46.667	ng		98
52) Acenaphthene	9.845	154	556181	45.060	ng		99
53) 3-Nitroaniline	9.774	138	123418	30.921	ng		100
54) 2,4-Dinitrophenol	9.892	184	174941	106.829	ng	#	88
55) Dibenzofuran	10.022	168	792892	44.531	ng		99
56) 4-Nitrophenol	9.951	139	265912	94.777	ng		92
57) 2,4-Dinitrotoluene	10.016	165	208557	48.842	ng		94
58) Fluorene	10.369	166	638576	47.043	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	184204	49.283	ng		97
60) Diethylphthalate	10.245	149	679337	46.215	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	302865	45.108	ng		99
62) 4-Nitroaniline	10.398	138	178194	45.627	ng		98
63) Azobenzene	10.522	77	658263	44.474	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	123584	48.902	ng		90
66) n-Nitrosodiphenylamine	10.480	169	586666	45.186	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	196490	44.366	ng		99
68) Hexachlorobenzene	10.916	284	225517	49.244	ng		97
70) Pentachlorophenol	11.116	266	219518	79.232	ng		99
71) Phenanthrene	11.333	178	998097	46.332	ng		100
72) Anthracene	11.386	178	1015796	46.152	ng		100
73) Carbazole	11.545	167	926489	48.804	ng		100
74) Di-n-butylphthalate	11.874	149	1067593	46.652	ng		100
75) Fluoranthene	12.527	202	1049360	48.179	ng		99
77) Benzidine	12.651	184	252062	53.438	ng		98
78) Pyrene	12.757	202	1084948	43.670	ng		100
80) Butylbenzylphthalate	13.380	149	431316	48.056	ng		98
81) Benzo(a)anthracene	13.951	228	823489	46.136	ng		100
82) 3,3'-Dichlorobenzidine	13.915	252	216591	40.213	ng		98
83) Chrysene	13.992	228	809805	46.165	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	488903	52.636	ng		99
85) Di-n-octyl phthalate	14.562	149	780117	55.026	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	709677	47.972	ng		98
88) Benzo(b)fluoranthene	15.004	252	694620	50.829	ng		99
89) Benzo(k)fluoranthene	15.033	252	662948	50.215	ng		100
90) Benzo(a)pyrene	15.368	252	585401	46.113	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	578830	48.310	ng		98
92) Benzo(g,h,i)perylene	17.368	276	576948	46.298	ng		98

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

