

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135173.D
 Acq On : 12 Sep 2023 10:28
 Operator : CG\JU
 Sample : PB155443BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155443BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 01:58:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	105804	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	422288	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	212013	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	409868	20.000	ng	0.00
76) Chrysene-d12	13.951	240	211267	20.000	ng	0.00
86) Perylene-d12	15.409	264	205816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	850827	130.791	ng	0.02
7) Phenol-d6	6.410	99	1056510	127.725	ng	0.00
23) Nitrobenzene-d5	7.333	82	669034	86.074	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	279570	132.693	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1194381	84.994	ng	0.00
79) Terphenyl-d14	12.892	244	1189309	87.267	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	105849	37.117	ng	99
3) Pyridine	3.310	79	280497	36.546	ng	99
4) n-Nitrosodimethylamine	3.275	42	190154	46.688	ng	100
6) Aniline	6.434	93	422255	38.928	ng	99
8) 2-Chlorophenol	6.551	128	334962	48.235	ng	98
9) Benzaldehyde	6.322	77	205335	43.575	ng	99
10) Phenol	6.422	94	405862	44.746	ng	93
11) bis(2-Chloroethyl)ether	6.510	93	313667	46.102	ng	100
12) 1,3-Dichlorobenzene	6.704	146	331658	46.994	ng	99
13) 1,4-Dichlorobenzene	6.781	146	334571	46.596	ng	98
14) 1,2-Dichlorobenzene	6.934	146	319795	47.959	ng	99
15) Benzyl Alcohol	6.916	79	284111	47.865	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	590344	46.033	ng	99
17) 2-Methylphenol	7.028	107	261587	42.686	ng	99
18) Hexachloroethane	7.269	117	126326	47.615	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	222313	43.391	ng	99
20) 3+4-Methylphenols	7.181	107	308897	41.919	ng	97
22) Acetophenone	7.181	105	428848	44.419	ng	99
24) Nitrobenzene	7.351	77	343995	44.776	ng	100
25) Isophorone	7.592	82	641458	44.943	ng	100
26) 2-Nitrophenol	7.663	139	174292	47.269	ng	99
27) 2,4-Dimethylphenol	7.704	122	290199	46.823	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	392227	45.914	ng	99
29) 2,4-Dichlorophenol	7.904	162	260400	45.343	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	280102	46.663	ng	98
31) Naphthalene	8.069	128	936625	45.650	ng	99
32) Benzoic acid	7.845	122	208960	44.774	ng	96
33) 4-Chloroaniline	8.122	127	327355	36.365	ng	99
34) Hexachlorobutadiene	8.180	225	169075	46.712	ng	99
35) Caprolactam	8.492	113	90708m	47.062	ng	
36) 4-Chloro-3-methylphenol	8.610	107	294527	46.144	ng	99
37) 2-Methylnaphthalene	8.757	142	597629	43.332	ng	99
38) 1-Methylnaphthalene	8.857	142	556752	43.117	ng	100
40) 1,2,4,5-Tetrachloroben...	8.927	216	279595	45.520	ng	99
41) Hexachlorocyclopentadiene	8.910	237	273045	98.960	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	191446	47.605	ng	99

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44) 2,4,5-Trichlorophenol	9.080	196	202847	43.799	ng	97
46) 1,1'-Biphenyl	9.227	154	734318	45.070	ng	99
47) 2-Chloronaphthalene	9.251	162	554146	46.876	ng	99
48) 2-Nitroaniline	9.351	65	212452	46.260	ng	95
49) Acenaphthylene	9.663	152	890700	45.337	ng	99
50) Dimethylphthalate	9.533	163	655482	45.728	ng	100
51) 2,6-Dinitrotoluene	9.598	165	148694	47.352	ng	88
52) Acenaphthene	9.839	154	526973	45.405	ng	100
53) 3-Nitroaniline	9.769	138	149335	40.514	ng	90
54) 2,4-Dinitrophenol	9.880	184	164536	91.338	ng	98
55) Dibenzofuran	10.010	168	789068	44.554	ng	97
56) 4-Nitrophenol	9.939	139	243407	103.902	ng	97
57) 2,4-Dinitrotoluene	10.004	165	184878	47.028	ng	95
58) Fluorene	10.357	166	611627	44.922	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	170564	47.877	ng	100
60) Diethylphthalate	10.233	149	658041	45.743	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	289527	44.268	ng	99
62) 4-Nitroaniline	10.386	138	164161	46.332	ng	99
63) Azobenzene	10.510	77	640328	45.480	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	108368	49.780	ng	88
66) n-Nitrosodiphenylamine	10.469	169	571166	46.030	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	182454	44.758	ng	93
68) Hexachlorobenzene	10.904	284	207113	49.871	ng	98
69) Atrazine	11.004	200	180601	54.091	ng	99
70) Pentachlorophenol	11.098	266	218686	88.013	ng	98
71) Phenanthrene	11.321	178	898549	46.353	ng	100
72) Anthracene	11.374	178	906321	45.485	ng	99
73) Carbazole	11.533	167	855574	47.168	ng	99
74) Di-n-butylphthalate	11.863	149	993574	46.486	ng	100
75) Fluoranthene	12.510	202	943809	46.726	ng	99
77) Benzidine	12.639	184	427690	98.815	ng	100
78) Pyrene	12.745	202	940894	46.778	ng	100
80) Butylbenzylphthalate	13.368	149	343591	48.517	ng	97
81) Benzo(a)anthracene	13.939	228	635407	46.577	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	210637	49.432	ng	99
83) Chrysene	13.974	228	616004	45.417	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	357010	49.126	ng	99
85) Di-n-octyl phthalate	14.551	149	573973	49.699	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	671361	49.750	ng	98
88) Benzo(b)fluoranthene	14.986	252	554636	49.781	ng	100
89) Benzo(k)fluoranthene	15.015	252	542052	49.251	ng	100
90) Benzo(a)pyrene	15.345	252	484941	45.642	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	546277	49.475	ng	98
92) Benzo(g,h,i)perylene	17.333	276	567785	49.238	ng	99

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

