

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135341.D
 Acq On : 19 Sep 2023 18:25
 Operator : CG\JU
 Sample : PB155592BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 20 01:37:28 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	6.757	152	123392	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	496801	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	251376	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	492305	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	232982	20.000	ng	0.00
86) Perylene-d12	15.404	264	224093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1015100	133.802	ng	0.01
7) Phenol-d6	6.410	99	1268301	131.474	ng	0.00
23) Nitrobenzene-d5	7.328	82	838682	91.717	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	321038	128.514	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1404561	84.300	ng	-0.01
79) Terphenyl-d14	12.886	244	1420584	94.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	143854	43.254	ng	96
3) Pyridine	3.316	79	368878	41.211	ng	98
4) n-Nitrosodimethylamine	3.275	42	251449	52.937	ng	98
6) Aniline	6.428	93	405132	32.026	ng	# 86
8) 2-Chlorophenol	6.545	128	428867	52.955	ng	98
9) Benzaldehyde	6.310	77	142488	25.928	ng	96
10) Phenol	6.422	94	469366	44.371	ng	85
11) bis(2-Chloroethyl)ether	6.504	93	413336	52.092	ng	99
12) 1,3-Dichlorobenzene	6.698	146	414213	50.326	ng	97
13) 1,4-Dichlorobenzene	6.775	146	414229	49.467	ng	98
14) 1,2-Dichlorobenzene	6.928	146	394269	50.700	ng	98
15) Benzyl Alcohol	6.910	79	317295	45.836	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	782527	52.321	ng	91
17) 2-Methylphenol	7.022	107	346345	48.461	ng	95
18) Hexachloroethane	7.263	117	160522	51.880	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	269175	45.049	ng	96
20) 3+4-Methylphenols	7.175	107	375255	43.666	ng	97
22) Acetophenone	7.169	105	523477	46.088	ng	# 99
24) Nitrobenzene	7.345	77	443023	49.017	ng	99
25) Isophorone	7.581	82	826436	49.218	ng	99
26) 2-Nitrophenol	7.657	139	227828	52.521	ng	98
27) 2,4-Dimethylphenol	7.698	122	357463	49.026	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	510358	50.782	ng	99
29) 2,4-Dichlorophenol	7.904	162	339102	50.191	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	351280	49.743	ng	99
31) Naphthalene	8.057	128	1150670	47.670	ng	99
32) Benzoic acid	7.845	122	278067	50.646	ng	97
33) 4-Chloroaniline	8.110	127	306814	28.971	ng	98
34) Hexachlorobutadiene	8.175	225	198767	46.679	ng	100
35) Caprolactam	8.492	113	125826m	55.491	ng	
36) 4-Chloro-3-methylphenol	8.610	107	383252	51.038	ng	96
37) 2-Methylnaphthalene	8.751	142	735997	45.360	ng	98
38) 1-Methylnaphthalene	8.851	142	708927	46.668	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	341048	46.831	ng	99
41) Hexachlorocyclopentadiene	8.898	237	245848	76.927	ng	96
43) 2,4,6-Trichlorophenol	9.033	196	233164	48.900	ng	96

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44) 2,4,5-Trichlorophenol	9.081	196	261842	47.685	ng	96
46) 1,1'-Biphenyl	9.222	154	917209	47.480	ng	99
47) 2-Chloronaphthalene	9.245	162	691907	49.365	ng	99
48) 2-Nitroaniline	9.345	65	284886	52.318	ng	94
49) Acenaphthylene	9.657	152	1120369	48.097	ng	99
50) Dimethylphthalate	9.528	163	849782	50.000	ng	99
51) 2,6-Dinitrotoluene	9.592	165	189275	50.837	ng	95
52) Acenaphthene	9.833	154	652873	47.444	ng	99
53) 3-Nitroaniline	9.763	138	169219	38.720	ng	96
54) 2,4-Dinitrophenol	9.880	184	200270	93.600	ng	97
55) Dibenzofuran	10.004	168	942608	44.889	ng	96
56) 4-Nitrophenol	9.939	139	261298	94.073	ng	99
57) 2,4-Dinitrotoluene	9.998	165	220430	47.292	ng	# 84
58) Fluorene	10.351	166	751699	46.565	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	218062	51.625	ng	99
60) Diethylphthalate	10.228	149	849819	49.824	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	346691	44.708	ng	100
62) 4-Nitroaniline	10.386	138	212995	50.701	ng	95
63) Azobenzene	10.504	77	852349	51.060	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	138100	52.815	ng	85
66) n-Nitrosodiphenylamine	10.463	169	718106	48.181	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	233321	47.652	ng	98
68) Hexachlorobenzene	10.898	284	250074	50.133	ng	96
69) Atrazine	10.998	200	225738	56.289	ng	99
70) Pentachlorophenol	11.098	266	226673	75.951	ng	98
71) Phenanthrene	11.316	178	1124623	48.300	ng	99
72) Anthracene	11.369	178	1137373	47.523	ng	100
73) Carbazole	11.527	167	1088653	49.968	ng	99
74) Di-n-butylphthalate	11.857	149	1305892	50.867	ng	99
75) Fluoranthene	12.510	202	1185096	48.847	ng	99
77) Benzidine	12.633	184	279871	58.636	ng	99
78) Pyrene	12.739	202	1184385	53.395	ng	99
80) Butylbenzylphthalate	13.363	149	475453	60.879	ng	96
81) Benzo(a)anthracene	13.933	228	749691	49.832	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	198677	42.280	ng	# 96
83) Chrysene	13.968	228	752909	50.337	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	537228	67.034	ng	99
85) Di-n-octyl phthalate	14.539	149	824342	64.725	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	766694	52.181	ng	97
88) Benzo(b)fluoranthene	14.980	252	664885	54.809	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	582542	48.613	ng	98
90) Benzo(a)pyrene	15.345	252	584290	50.507	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	615210	51.173	ng	99
92) Benzo(g,h,i)perylene	17.339	276	628534	50.061	ng	97

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

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