

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135511.D
 Acq On : 29 Sep 2023 12:27
 Operator : CG\JU
 Sample : PB155928BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155928BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 00:17:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	159328	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	619257	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	306173	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	569724	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	294757	20.000	ng	0.00
86) Perylene-d12	15.392	264	294495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1262740	128.903	ng	0.01
7) Phenol-d6	6.404	99	1585992	127.325	ng	0.00
23) Nitrobenzene-d5	7.316	82	1030218	90.384	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	346553	113.900	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1663486	81.971	ng	0.00
79) Terphenyl-d14	12.874	244	1626817	85.558	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	186880	43.517	ng	93
3) Pyridine	3.281	79	502039	43.437	ng	93
4) n-Nitrosodimethylamine	3.240	42	311600	50.805	ng	95
6) Aniline	6.416	93	562680	34.448	ng	# 22
8) 2-Chlorophenol	6.539	128	524161	50.124	ng	96
9) Benzaldehyde	6.304	77	119621	16.857	ng	98
10) Phenol	6.416	94	594754	43.544	ng	80
11) bis(2-Chloroethyl)ether	6.492	93	513391	50.108	ng	99
12) 1,3-Dichlorobenzene	6.686	146	505200	47.536	ng	98
13) 1,4-Dichlorobenzene	6.763	146	515730	47.697	ng	99
14) 1,2-Dichlorobenzene	6.916	146	481390	47.941	ng	98
15) Benzyl Alcohol	6.898	79	439504	49.170	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	922523	47.769	ng	89
17) 2-Methylphenol	7.016	107	410668	44.501	ng	# 93
18) Hexachloroethane	7.251	117	193626	48.465	ng	92
19) n-Nitroso-di-n-propyla...	7.169	70	332710	43.123	ng	96
20) 3+4-Methylphenols	7.169	107	489825	44.142	ng	# 83
22) Acetophenone	7.163	105	663303	46.851	ng	97
24) Nitrobenzene	7.333	77	551513	48.954	ng	99
25) Isophorone	7.575	82	1039899	49.684	ng	98
26) 2-Nitrophenol	7.651	139	282107	52.174	ng	92
27) 2,4-Dimethylphenol	7.692	122	420299	46.245	ng	97
28) bis(2-Chloroethoxy)met...	7.781	93	643958	51.404	ng	99
29) 2,4-Dichlorophenol	7.892	162	416414	49.446	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	423972	48.165	ng	100
31) Naphthalene	8.051	128	1432226	47.601	ng	100
32) Benzoic acid	7.845	122	347330	50.751	ng	98
33) 4-Chloroaniline	8.104	127	481979	36.511	ng	100
34) Hexachlorobutadiene	8.157	225	235756	44.417	ng	100
35) Caprolactam	8.486	113	145599m	51.513	ng	
36) 4-Chloro-3-methylphenol	8.598	107	455444	48.659	ng	99
37) 2-Methylnaphthalene	8.739	142	890887	44.049	ng	98
38) 1-Methylnaphthalene	8.839	142	862562	45.553	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	417729	47.094	ng	98
41) Hexachlorocyclopentadiene	8.886	237	245195	64.329	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	278412	47.939	ng	100

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44) 2,4,5-Trichlorophenol	9.075	196	304119	45.471	ng	97
46) 1,1'-Biphenyl	9.210	154	1107504	47.070	ng	99
47) 2-Chloronaphthalene	9.233	162	846498	49.585	ng	100
48) 2-Nitroaniline	9.339	65	340523	51.343	ng	98
49) Acenaphthylene	9.645	152	1358815	47.893	ng	99
50) Dimethylphthalate	9.516	163	999453	48.282	ng	100
51) 2,6-Dinitrotoluene	9.586	165	223616	49.311	ng	# 83
52) Acenaphthene	9.822	154	797791	47.600	ng	97
53) 3-Nitroaniline	9.751	138	214733	40.340	ng	100
54) 2,4-Dinitrophenol	9.874	184	219286	84.776	ng	93
55) Dibenzofuran	9.992	168	1124627	43.972	ng	99
56) 4-Nitrophenol	9.939	139	286579	84.709	ng	97
57) 2,4-Dinitrotoluene	9.992	165	252395	44.458	ng	# 78
58) Fluorene	10.339	166	906781	46.118	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.116	232	241326	46.907	ng	99
60) Diethylphthalate	10.216	149	987913	47.554	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	415967	44.041	ng	96
62) 4-Nitroaniline	10.374	138	250743	49.004	ng	99
63) Azobenzene	10.492	77	1023696	50.349	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	148301	49.009	ng	86
66) n-Nitrosodiphenylamine	10.451	169	844133	48.940	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	269988	47.648	ng	93
68) Hexachlorobenzene	10.886	284	284415	49.269	ng	# 93
69) Atrazine	10.986	200	261960	56.445	ng	99
70) Pentachlorophenol	11.086	266	264593	76.609	ng	98
71) Phenanthrene	11.304	178	1320878	49.020	ng	98
72) Anthracene	11.357	178	1361098	49.142	ng	99
73) Carbazole	11.516	167	1301918	51.636	ng	99
74) Di-n-butylphthalate	11.845	149	1522198	51.235	ng	99
75) Fluoranthene	12.498	202	1392086	49.581	ng	99
77) Benzidine	12.621	184	602705	99.808	ng	100
78) Pyrene	12.727	202	1408412	50.187	ng	99
80) Butylbenzylphthalate	13.351	149	555738	56.246	ng	99
81) Benzo(a)anthracene	13.921	228	963769	50.636	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	273283	45.968	ng	# 99
83) Chrysene	13.962	228	934872	49.403	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	661353	65.227	ng	99
85) Di-n-octyl phthalate	14.527	149	982640	60.984	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	969516	50.210	ng	96
88) Benzo(b)fluoranthene	14.968	252	857461	53.786	ng	# 96
89) Benzo(k)fluoranthene	14.998	252	694995	44.132	ng	# 98
90) Benzo(a)pyrene	15.333	252	724351	47.646	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	783035	49.562	ng	98
92) Benzo(g,h,i)perylene	17.321	276	826588	50.096	ng	95

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

