

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130599.D
 Acq On : 10 Oct 2022 12:56
 Operator : CG\JU
 Sample : PB148187BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148187BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/11/2022
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 10 13:43:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 13:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	108072	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	434033	20.000	ng	# 0.00
39) Acenaphthene-d10	9.639	164	276592	20.000	ng	0.00
64) Phenanthrene-d10	11.122	188	385611	20.000	ng	0.00
76) Chrysene-d12	13.751	240	201082	20.000	ng	0.00
86) Perylene-d12	15.127	264	211875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	838437	134.562	ng	0.02
7) Phenol-d6	6.263	99	1028117	131.873	ng	0.00
23) Nitrobenzene-d5	7.181	82	658844	77.550	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	368635	139.093	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	1363582	71.789	ng	0.00
79) Terphenyl-d14	12.704	244	1288546	106.149	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.263	88	121362	42.411	ng	97
3) Pyridine	2.934	79	245931	32.945	ng	93
4) n-Nitrosodimethylamine	2.893	42	143275	35.290	ng	87
6) Aniline	6.275	93	365432	38.042	ng	# 27
8) 2-Chlorophenol	6.392	128	333430	46.977	ng	94
9) Benzaldehyde	6.157	77	195460	37.428	ng	96
10) Phenol	6.275	94	392926	43.007	ng	77
11) bis(2-Chloroethyl)ether	6.351	93	296691	45.022	ng	95
12) 1,3-Dichlorobenzene	6.545	146	348586	44.634	ng	97
13) 1,4-Dichlorobenzene	6.628	146	356299	44.737	ng	96
14) 1,2-Dichlorobenzene	6.775	146	336015	45.164	ng	97
15) Benzyl Alcohol	6.763	79	254010	41.093	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.892	45	384985	40.054	ng	86
17) 2-Methylphenol	6.881	107	271346	47.028	ng	98
18) Hexachloroethane	7.116	117	135103	43.035	ng	95
19) n-Nitroso-di-n-propyla...	7.034	70	224858	42.743	ng	92
20) 3+4-Methylphenols	7.034	107	336999	44.961	ng	# 71
22) Acetophenone	7.028	105	462057	43.543	ng	# 91
24) Nitrobenzene	7.198	77	343033	39.765	ng	95
25) Isophorone	7.439	82	621505	45.388	ng	98
26) 2-Nitrophenol	7.516	139	177819	50.284	ng	# 83
27) 2,4-Dimethylphenol	7.563	122	280442	51.505	ng	94
28) bis(2-Chloroethoxy)met...	7.651	93	377307	48.935	ng	99
29) 2,4-Dichlorophenol	7.757	162	273778	45.884	ng	98
30) 1,2,4-Trichlorobenzene	7.833	180	284966	44.174	ng	98
31) Naphthalene	7.916	128	958031	42.844	ng	99
32) Benzoic acid	7.716	122	156573	37.184	ng	96
33) 4-Chloroaniline	7.969	127	294174	34.590	ng	98
34) Hexachlorobutadiene	8.028	225	177706	43.103	ng	99
35) Caprolactam	8.351	113	87729m	51.287	ng	
36) 4-Chloro-3-methylphenol	8.463	107	309000	46.721	ng	99
37) 2-Methylnaphthalene	8.604	142	648925	45.516	ng	99
38) 1-Methylnaphthalene	8.704	142	611627	44.657	ng	99
40) 1,2,4,5-Tetrachloroben...	8.769	216	303122	40.157	ng	98
41) Hexachlorocyclopentadiene	8.751	237	274976	68.041	ng	100
43) 2,4,6-Trichlorophenol	8.886	196	198766	37.730	ng	95

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44) 2,4,5-Trichlorophenol	8.933	196	216084	38.011	ng	96
46) 1,1'-Biphenyl	9.069	154	831200	40.238	ng	98
47) 2-Chloronaphthalene	9.092	162	645544	38.632	ng	97
48) 2-Nitroaniline	9.198	65	209468	37.584	ng	86
49) Acenaphthylene	9.504	152	1065698	42.535	ng	99
50) Dimethylphthalate	9.380	163	854232	44.711	ng	99
51) 2,6-Dinitrotoluene	9.439	165	192907	48.278	ng	88
52) Acenaphthene	9.675	154	739153m	44.902	ng	
53) 3-Nitroaniline	9.610	138	147888	33.215	ng	93
54) 2,4-Dinitrophenol	9.722	184	171355	79.129	ng	88
55) Dibenzofuran	9.851	168	958419	41.858	ng	94
56) 4-Nitrophenol	9.792	139	224708	69.292	ng	# 77
57) 2,4-Dinitrotoluene	9.845	165	235370	46.091	ng	95
58) Fluorene	10.192	166	758508	40.506	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.969	232	191282	42.989	ng	90
60) Diethylphthalate	10.075	149	817545	42.671	ng	99
61) 4-Chlorophenyl-phenyle...	10.186	204	349620	42.561	ng	93
62) 4-Nitroaniline	10.227	138	182552m	40.814	ng	
63) Azobenzene	10.345	77	727971	36.899	ng	94
65) 4,6-Dinitro-2-methylph...	10.257	198	122295	56.972	ng	# 78
66) n-Nitrosodiphenylamine	10.310	169	675617	52.431	ng	98
67) 4-Bromophenyl-phenylether	10.674	248	229423	53.932	ng	91
68) Hexachlorobenzene	10.733	284	253103	52.488	ng	99
69) Atrazine	10.839	200	212482	56.425	ng	97
70) Pentachlorophenol	10.933	266	176269	68.111	ng	99
71) Phenanthrene	11.145	178	948296	43.802	ng	100
72) Anthracene	11.198	178	954908	45.706	ng	100
73) Carbazole	11.357	167	872215	46.259	ng	99
74) Di-n-butylphthalate	11.692	149	1115567	49.063	ng	99
75) Fluoranthene	12.327	202	868486	41.514	ng	100
77) Benzidine	12.457	184	293732	50.320	ng	100
78) Pyrene	12.557	202	916344	52.092	ng	100
80) Butylbenzylphthalate	13.180	149	326332	50.077	ng	97
81) Benzo(a)anthracene	13.739	228	593940	44.400	ng	100
82) 3,3'-Dichlorobenzidine	13.710	252	168595	46.300	ng	99
83) Chrysene	13.780	228	589713	46.429	ng	99
84) Bis(2-ethylhexyl)phtha...	13.739	149	352933	47.282	ng	99
85) Di-n-octyl phthalate	14.351	149	598540	52.426	ng	95
87) Indeno(1,2,3-cd)pyrene	16.439	276	600109	39.941	ng	99
88) Benzo(b)fluoranthene	14.751	252	613104	44.335	ng	99
89) Benzo(k)fluoranthene	14.774	252	563764	41.442	ng	99
90) Benzo(a)pyrene	15.074	252	554795	50.639	ng	100
91) Dibenzo(a,h)anthracene	16.451	278	517968	42.023	ng	99
92) Benzo(g,h,i)perylene	16.833	276	522627	42.092	ng	100

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

