

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128153.D
 Acq On : 09 May 2022 17:15
 Operator : CG\JU
 Sample : PB144686BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144686BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 10 02:24:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	100129	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	389859	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	226442	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	415561	20.000	ng	0.00
76) Chrysene-d12	14.080	240	306967	20.000	ng	0.00
86) Perylene-d12	15.574	264	247739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	580851	92.476	ng	0.01
7) Phenol-d6	6.528	99	747883	90.023	ng	0.00
23) Nitrobenzene-d5	7.463	82	773964	89.329	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	233988	90.099	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1267926	87.612	ng	0.00
79) Terphenyl-d14	13.016	244	1544661	94.421	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	108525	38.841	ng	98
3) Pyridine	3.569	79	297482	40.132	ng	97
4) n-Nitrosodimethylamine	3.552	42	183744	49.725	ng	95
6) Aniline	6.557	93	365899	39.000	ng	97
8) 2-Chlorophenol	6.681	128	324567	50.734	ng	99
9) Benzaldehyde	6.451	77	203511	61.279	ng	95
10) Phenol	6.540	94	421571	48.120	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	323766	49.346	ng	97
12) 1,3-Dichlorobenzene	6.834	146	341303	47.399	ng	95
13) 1,4-Dichlorobenzene	6.910	146	346190	47.580	ng	97
14) 1,2-Dichlorobenzene	7.063	146	331838	48.398	ng	99
15) Benzyl Alcohol	7.040	79	321094	48.908	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	469282	48.233	ng	100
17) 2-Methylphenol	7.145	107	267308	49.250	ng	96
18) Hexachloroethane	7.404	117	133478	48.558	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	252339	49.323	ng	99
20) 3+4-Methylphenols	7.298	107	317889	47.303	ng	88
22) Acetophenone	7.304	105	453149	46.678	ng	# 85
24) Nitrobenzene	7.481	77	388145	48.540	ng	98
25) Isophorone	7.716	82	710530	52.309	ng	99
26) 2-Nitrophenol	7.792	139	173584	49.436	ng	97
27) 2,4-Dimethylphenol	7.828	122	301399	55.689	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	408853	47.617	ng	99
29) 2,4-Dichlorophenol	8.034	162	278210	48.896	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	304215	46.651	ng	99
31) Naphthalene	8.198	128	912429	47.389	ng	100
32) Benzoic acid	7.969	122	187076	46.221	ng	92
33) 4-Chloroaniline	8.251	127	212484	27.800	ng	99
34) Hexachlorobutadiene	8.310	225	202621	46.273	ng	97
35) Caprolactam	8.634	113	87460m	47.089	ng	
36) 4-Chloro-3-methylphenol	8.734	107	313249	49.272	ng	95
37) 2-Methylnaphthalene	8.892	142	623299	48.016	ng	98
38) 1-Methylnaphthalene	8.992	142	591566	47.448	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	304140	45.533	ng	98
41) Hexachlorocyclopentadiene	9.039	237	351473	112.880	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	202061	46.954	ng	98

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44) 2,4,5-Trichlorophenol	9.216	196	213514	46.532	ng	96
46) 1,1'-Biphenyl	9.357	154	772299	46.849	ng	98
47) 2-Chloronaphthalene	9.386	162	567354	46.435	ng	99
48) 2-Nitroaniline	9.486	65	212410	48.489	ng	99
49) Acenaphthylene	9.804	152	920363	49.802	ng	99
50) Dimethylphthalate	9.663	163	696869	47.689	ng	99
51) 2,6-Dinitrotoluene	9.728	165	159184	49.660	ng	94
52) Acenaphthene	9.975	154	673509m	52.563	ng	
53) 3-Nitroaniline	9.898	138	107898	31.049	ng	100
54) 2,4-Dinitrophenol	10.010	184	172054	97.023	ng	# 80
55) Dibenzofuran	10.145	168	822158	45.191	ng	97
56) 4-Nitrophenol	10.069	139	226790	93.397	ng	86
57) 2,4-Dinitrotoluene	10.134	165	213885	49.900	ng	# 75
58) Fluorene	10.492	166	647499	45.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	181302	46.235	ng	98
60) Diethylphthalate	10.363	149	688770	47.243	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	320015	45.283	ng	100
62) 4-Nitroaniline	10.522	138	161324	45.793	ng	93
63) Azobenzene	10.639	77	738864	46.281	ng	98
65) 4,6-Dinitro-2-methylph...	10.545	198	119854	46.083	ng	96
66) n-Nitrosodiphenylamine	10.604	169	580601	47.939	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	211481	47.302	ng	98
68) Hexachlorobenzene	11.033	284	234812	48.013	ng	100
69) Atrazine	11.128	200	209335	51.239	ng	97
70) Pentachlorophenol	11.233	266	242778	102.285	ng	96
71) Phenanthrene	11.457	178	976776	47.205	ng	99
72) Anthracene	11.510	178	988367	47.841	ng	99
73) Carbazole	11.663	167	900616	45.843	ng	99
74) Di-n-butylphthalate	11.980	149	1061165	46.920	ng	99
75) Fluoranthene	12.645	202	1064938	47.470	ng	98
77) Benzidine	12.769	184	450946	67.828	ng	99
78) Pyrene	12.880	202	1072229	48.173	ng	100
80) Butylbenzylphthalate	13.486	149	445046	48.096	ng	98
81) Benzo(a)anthracene	14.069	228	949437	48.424	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	202131	45.944	ng	99
83) Chrysene	14.110	228	858152	45.871	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	612670	49.003	ng	99
85) Di-n-octyl phthalate	14.657	149	993126	49.727	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	691316	46.130	ng	97
88) Benzo(b)fluoranthene	15.133	252	836534	54.472	ng	99
89) Benzo(k)fluoranthene	15.168	252	716524	47.266	ng	98
90) Benzo(a)pyrene	15.516	252	717057	57.835	ng	# 97
91) Dibenzo(a,h)anthracene	17.121	278	595112	49.051	ng	# 97
92) Benzo(g,h,i)perylene	17.568	276	597579	48.645	ng	97

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

