

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128335.D
 Acq On : 19 May 2022 14:29
 Operator : CG\JU
 Sample : PB144922BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144922BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/20/2022
 Supervised By : Jagrut Upadhyay 05/20/2022

Quant Time: May 19 16:51:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	103612	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	403553	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	230685	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	405564	20.000	ng	0.00
76) Chrysene-d12	14.051	240	213979	20.000	ng	0.00
86) Perylene-d12	15.539	264	171047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	804799	123.823	ng	0.01
7) Phenol-d6	6.510	99	1044321	121.479	ng	0.00
23) Nitrobenzene-d5	7.440	82	768744	85.716	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	306431	115.823	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1226574	83.196	ng	0.00
79) Terphenyl-d14	12.986	244	1349492	118.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	118567	41.008	ng	95
3) Pyridine	3.522	79	322497	42.044	ng	94
4) n-Nitrosodimethylamine	3.493	42	197030	51.528	ng	98
6) Aniline	6.534	93	372538	38.373	ng	97
8) 2-Chlorophenol	6.651	128	329485	49.771	ng	97
9) Benzaldehyde	6.422	77	257140	Below Cal		94
10) Phenol	6.522	94	411188	45.357	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	334626	49.287	ng	97
12) 1,3-Dichlorobenzene	6.804	146	350077	46.983	ng	# 95
13) 1,4-Dichlorobenzene	6.881	146	356936	47.408	ng	95
14) 1,2-Dichlorobenzene	7.034	146	333417	46.993	ng	98
15) Benzyl Alcohol	7.016	79	329604	48.517	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	488092	48.480	ng	95
17) 2-Methylphenol	7.128	107	271899	48.412	ng	# 92
18) Hexachloroethane	7.375	117	137843	48.460	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	253122	47.812	ng	95
20) 3+4-Methylphenols	7.281	107	314385	45.209	ng	# 79
22) Acetophenone	7.281	105	449996	44.781	ng	# 84
24) Nitrobenzene	7.457	77	399565	48.272	ng	98
25) Isophorone	7.692	82	731263	52.008	ng	99
26) 2-Nitrophenol	7.769	139	174458	47.999	ng	96
27) 2,4-Dimethylphenol	7.804	122	296986	53.012	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	414053	46.586	ng	99
29) 2,4-Dichlorophenol	8.010	162	261188	44.347	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	294673	43.654	ng	98
31) Naphthalene	8.175	128	934534	46.890	ng	99
32) Benzoic acid	7.951	122	150959	36.032	ng	93
33) 4-Chloroaniline	8.222	127	186940	23.628	ng	97
34) Hexachlorobutadiene	8.281	225	202251	44.621	ng	99
35) Caprolactam	8.610	113	87235m	45.374	ng	
36) 4-Chloro-3-methylphenol	8.716	107	311707	47.366	ng	97
37) 2-Methylnaphthalene	8.863	142	614446	45.728	ng	98
38) 1-Methylnaphthalene	8.963	142	563132	43.635	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	304345	44.726	ng	98
41) Hexachlorocyclopentadiene	9.010	237	288983	92.093	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	194802	44.435	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	205907	44.049	ng	97
46) 1,1'-Biphenyl	9.328	154	774481	46.117	ng	99
47) 2-Chloronaphthalene	9.357	162	566394	45.504	ng	97
48) 2-Nitroaniline	9.457	65	216145	48.434	ng	94
49) Acenaphthylene	9.775	152	901591	47.889	ng	100
50) Dimethylphthalate	9.634	163	705222	47.373	ng	100
51) 2,6-Dinitrotoluene	9.704	165	157591	48.259	ng	98
52) Acenaphthene	9.945	154	651277m	49.893	ng	
53) 3-Nitroaniline	9.875	138	97405	27.514	ng	96
54) 2,4-Dinitrophenol	9.992	184	143990	79.704	ng	91
55) Dibenzofuran	10.122	168	792710	42.771	ng	100
56) 4-Nitrophenol	10.051	139	179868	72.711	ng	89
57) 2,4-Dinitrotoluene	10.110	165	197543	45.240	ng	# 64
58) Fluorene	10.463	166	647855	44.877	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	171533	42.939	ng	98
60) Diethylphthalate	10.333	149	682951	45.983	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	315199	43.781	ng	98
62) 4-Nitroaniline	10.498	138	157616	43.917	ng	95
63) Azobenzene	10.610	77	752434	46.264	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109835	43.272	ng	85
66) n-Nitrosodiphenylamine	10.575	169	576850	48.804	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	204144	46.786	ng	97
68) Hexachlorobenzene	11.010	284	226427	47.440	ng	96
69) Atrazine	11.104	200	202939	50.898	ng	96
70) Pentachlorophenol	11.210	266	197534	85.275	ng	97
71) Phenanthrene	11.428	178	939922	46.543	ng	99
72) Anthracene	11.480	178	956430	47.436	ng	99
73) Carbazole	11.639	167	841949	43.913	ng	99
74) Di-n-butylphthalate	11.957	149	1031758	46.744	ng	99
75) Fluoranthene	12.622	202	957974	43.755	ng	98
77) Benzidine	12.739	184	403609	87.089	ng	99
78) Pyrene	12.851	202	967577	62.363	ng	99
80) Butylbenzylphthalate	13.457	149	367951	57.044	ng	98
81) Benzo(a)anthracene	14.039	228	678762	49.662	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	118428	38.617	ng	97
83) Chrysene	14.080	228	621107	47.628	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	470957	54.038	ng	98
85) Di-n-octyl phthalate	14.627	149	684301	49.154	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	655639	63.366	ng	97
88) Benzo(b)fluoranthene	15.104	252	539707	50.901	ng	99
89) Benzo(k)fluoranthene	15.133	252	500230	47.793	ng	99
90) Benzo(a)pyrene	15.480	252	496050	57.949	ng	# 96
91) Dibenzo(a,h)anthracene	17.074	278	559257	66.763	ng	# 97
92) Benzo(g,h,i)perylene	17.521	276	584536	68.918	ng	98

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

