

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126870.D
 Acq On : 14 Feb 2022 14:44
 Operator : CG\JU
 Sample : PB142610BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142610BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 15 00:58:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	135750	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	578193	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	290211	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	496459	20.000	ng	0.00
76) Chrysene-d12	14.121	240	287157	20.000	ng	0.00
86) Perylene-d12	15.627	264	210734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1099979	124.758	ng	0.02
7) Phenol-d6	6.569	99	1463807	122.981	ng	0.00
23) Nitrobenzene-d5	7.510	82	1029198	82.130	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	401280	128.976	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1527454	79.227	ng	0.00
79) Terphenyl-d14	13.063	244	1636037	81.676	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.628	79	330096	29.519	ng	99
4) n-Nitrosodimethylamine	3.599	42	240113	45.730	ng	96
6) Aniline	6.604	93	450580	31.433	ng	97
8) 2-Chlorophenol	6.728	128	449953	47.946	ng	99
9) Benzaldehyde	6.498	77	268356	37.082	ng	99
10) Phenol	6.581	94	560277m	46.700	ng	
11) bis(2-Chloroethyl)ether	6.681	93	436187	45.664	ng	99
12) 1,3-Dichlorobenzene	6.887	146	438684	42.959	ng	98
13) 1,4-Dichlorobenzene	6.963	146	449101	43.516	ng	99
14) 1,2-Dichlorobenzene	7.110	146	431280	44.349	ng	97
15) Benzyl Alcohol	7.087	79	452024	48.055	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	679710	43.533	ng	96
17) 2-Methylphenol	7.187	107	382635	46.601	ng	96
18) Hexachloroethane	7.457	117	173367	44.364	ng	94
19) n-Nitroso-di-n-propyla...	7.357	70	348282	46.207	ng	98
20) 3+4-Methylphenols	7.345	107	472591	44.866	ng	# 85
22) Acetophenone	7.357	105	653322	43.669	ng	# 97
24) Nitrobenzene	7.528	77	536342	45.245	ng	98
25) Isophorone	7.763	82	928973	44.248	ng	99
26) 2-Nitrophenol	7.840	139	229849	46.327	ng	96
27) 2,4-Dimethylphenol	7.875	122	406591	48.579	ng	98
28) bis(2-Chloroethoxy)met...	7.975	93	539073	41.357	ng	99
29) 2,4-Dichlorophenol	8.081	162	340358	43.250	ng	98
30) 1,2,4-Trichlorobenzene	8.163	180	363652	41.806	ng	99
31) Naphthalene	8.251	128	1261571	42.071	ng	100
32) Benzoic acid	8.004	122	292932	49.551	ng	97
33) 4-Chloroaniline	8.292	127	97507	8.259	ng	96
34) Hexachlorobutadiene	8.357	225	204811	41.332	ng	98
35) Caprolactam	8.681	113	115182m	42.636	ng	
36) 4-Chloro-3-methylphenol	8.775	107	445136	44.938	ng	99
37) 2-Methylnaphthalene	8.939	142	852789	44.502	ng	99
38) 1-Methylnaphthalene	9.039	142	774295	41.760	ng	98
40) 1,2,4,5-Tetrachloroben...	9.104	216	329782	43.525	ng	98
41) Hexachlorocyclopentadiene	9.092	237	417585	97.831	ng	98
43) 2,4,6-Trichlorophenol	9.216	196	233592	42.738	ng	99
44) 2,4,5-Trichlorophenol	9.257	196	248474	42.954	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	985123	42.795	ng	99
47) 2-Chloronaphthalene	9.434	162	713821	41.986	ng	98
48) 2-Nitroaniline	9.528	65	294091	44.591	ng	98
49) Acenaphthylene	9.851	152	1179379	42.569	ng	99
50) Dimethylphthalate	9.710	163	880045	42.849	ng	100
51) 2,6-Dinitrotoluene	9.769	165	189237	45.513	ng	# 80
52) Acenaphthene	10.022	154	831616m	46.940	ng	
53) 3-Nitroaniline	9.939	138	121980	24.052	ng	99
54) 2,4-Dinitrophenol	10.045	184	188470	79.728	ng	# 79
55) Dibenzofuran	10.192	168	1007287	41.294	ng	97
56) 4-Nitrophenol	10.098	139	319566	87.736	ng	97
57) 2,4-Dinitrotoluene	10.175	165	253661	46.144	ng	93
58) Fluorene	10.539	166	795306	42.505	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.304	232	195066	43.049	ng	99
60) Diethylphthalate	10.404	149	892779	42.145	ng	99
61) 4-Chlorophenyl-phenyle...	10.528	204	367848	41.939	ng	88
62) 4-Nitroaniline	10.563	138	203796	42.741	ng	97
63) Azobenzene	10.686	77	992852	41.169	ng	98
65) 4,6-Dinitro-2-methylph...	10.581	198	117891	41.547	ng	98
66) n-Nitrosodiphenylamine	10.645	169	696028	42.854	ng	100
67) 4-Bromophenyl-phenylether	11.016	248	231496	42.908	ng	97
68) Hexachlorobenzene	11.081	284	257691	44.347	ng	97
69) Atrazine	11.175	200	224983	45.387	ng	97
70) Pentachlorophenol	11.275	266	293059	91.326	ng	97
71) Phenanthrene	11.504	178	1170189	42.539	ng	100
72) Anthracene	11.557	178	1197225	43.559	ng	99
73) Carbazole	11.710	167	1028211	41.098	ng	99
74) Di-n-butylphthalate	12.028	149	1357475	42.087	ng	100
75) Fluoranthene	12.692	202	1117087	43.415	ng	99
77) Benzidine	12.810	184	281251	37.222	ng	98
78) Pyrene	12.922	202	1114006	42.743	ng	99
80) Butylbenzylphthalate	13.533	149	522459	43.771	ng	98
81) Benzo(a)anthracene	14.110	228	812723	41.778	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	146106	25.219	ng	99
83) Chrysene	14.151	228	795080	43.526	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	662369	42.798	ng	100
85) Di-n-octyl phthalate	14.704	149	924706	43.527	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	691762	46.040	ng	97
88) Benzo(b)fluoranthene	15.180	252	686196	50.975	ng	99
89) Benzo(k)fluoranthene	15.216	252	607589	43.717	ng	98
90) Benzo(a)pyrene	15.563	252	600704	54.686	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	589127	47.212	ng	99
92) Benzo(g,h,i)perylene	17.645	276	573799	46.224	ng	96

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

