

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132416.D
 Acq On : 13 Feb 2023 18:34
 Operator : CG\JU
 Sample : PB150774BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150774BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 01:39:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	159719	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	573964	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	289223	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	532599	20.000	ng	# 0.00
76) Chrysene-d12	14.242	240	378391	20.000	ng	0.00
86) Perylene-d12	15.807	264	399732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	895358	102.297	ng	0.02
7) Phenol-d6	6.660	99	1067177	97.832	ng	0.00
23) Nitrobenzene-d5	7.601	82	643240	66.856	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	375734	97.623	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1293813	64.761	ng	0.00
79) Terphenyl-d14	13.172	244	1385309	61.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.060	88	193065	30.020	ng	99
3) Pyridine	3.790	79	543971	46.745	ng	95
4) n-Nitrosodimethylamine	3.755	42	173303	45.609	ng	86
6) Aniline	6.701	93	379493m	32.000	ng	
8) 2-Chlorophenol	6.825	128	438212	41.831	ng	98
9) Benzaldehyde	6.584	77	214440	53.460	ng	96
10) Phenol	6.672	94	477523	42.908	ng	99
11) bis(2-Chloroethyl)ether	6.766	93	485682	43.433	ng	99
12) 1,3-Dichlorobenzene	6.972	146	491422	42.794	ng	97
13) 1,4-Dichlorobenzene	7.048	146	497716	43.182	ng	97
14) 1,2-Dichlorobenzene	7.207	146	459926	42.437	ng	99
15) Benzyl Alcohol	7.172	79	326552	50.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	354921	39.969	ng	99
17) 2-Methylphenol	7.284	107	342391	36.228	ng	99
18) Hexachloroethane	7.548	117	185506	40.569	ng	95
19) n-Nitroso-di-n-propyla...	7.448	70	234778	37.718	ng	95
20) 3+4-Methylphenols	7.431	107	412618	34.747	ng	91
22) Acetophenone	7.442	105	554991	41.479	ng	99
24) Nitrobenzene	7.619	77	405232	42.321	ng	99
25) Isophorone	7.854	82	739572	43.631	ng	99
26) 2-Nitrophenol	7.937	139	245810	46.781	ng	93
27) 2,4-Dimethylphenol	7.966	122	393812	45.968	ng	98
28) bis(2-Chloroethoxy)met...	8.060	93	477885	43.620	ng	98
29) 2,4-Dichlorophenol	8.178	162	368700	43.495	ng	96
30) 1,2,4-Trichlorobenzene	8.260	180	413924	42.994	ng	99
31) Naphthalene	8.342	128	1220381	40.565	ng	100
32) Benzoic acid	8.089	122	289824	64.463	ng	98
33) 4-Chloroaniline	8.413	127	111888	10.116	ng	98
34) Hexachlorobutadiene	8.454	225	253088	41.179	ng	98
35) Caprolactam	8.766	113	114571m	45.112	ng	
36) 4-Chloro-3-methylphenol	8.872	107	370764	40.587	ng	98
37) 2-Methylnaphthalene	9.037	142	815895	34.753	ng	100
38) 1-Methylnaphthalene	9.136	142	758183	34.217	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	391435	42.899	ng	98
41) Hexachlorocyclopentadiene	9.189	237	583257	104.990	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	267861	43.229	ng	98

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44) 2,4,5-Trichlorophenol	9.354	196	289465	40.786	ng	94
46) 1,1'-Biphenyl	9.501	154	982062	41.631	ng	100
47) 2-Chloronaphthalene	9.531	162	769259	42.626	ng	98
48) 2-Nitroaniline	9.625	65	177076	42.047	ng	94
49) Acenaphthylene	9.948	152	1188447	41.422	ng	100
50) Dimethylphthalate	9.801	163	878554	40.331	ng	100
51) 2,6-Dinitrotoluene	9.866	165	199536	41.753	ng	92
52) Acenaphthene	10.119	154	861759	46.612	ng	100
53) 3-Nitroaniline	10.036	138	143057	26.912	ng	97
54) 2,4-Dinitrophenol	10.142	184	242151	91.130	ng	94
55) Dibenzofuran	10.295	168	1037915	40.305	ng	98
56) 4-Nitrophenol	10.195	139	336057	84.814	ng	97
57) 2,4-Dinitrotoluene	10.272	165	267617	42.625	ng	96
58) Fluorene	10.636	166	814826	40.697	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	233678	42.897	ng	99
60) Diethylphthalate	10.501	149	873001	40.031	ng	99
61) 4-Chlorophenyl-phenyle...	10.625	204	401832	39.948	ng	98
62) 4-Nitroaniline	10.660	138	201471	41.386	ng	97
63) Azobenzene	10.789	77	691355	40.169	ng	95
65) 4,6-Dinitro-2-methylph...	10.678	198	150530	45.462	ng	89
66) n-Nitrosodiphenylamine	10.748	169	699449	40.680	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	256815	41.313	ng	97
68) Hexachlorobenzene	11.189	284	304716	44.318	ng	# 90
69) Atrazine	11.272	200	230891	47.892	ng	99
70) Pentachlorophenol	11.383	266	336016	81.680	ng	99
71) Phenanthrene	11.607	178	1184936	40.808	ng	100
72) Anthracene	11.660	178	1211463	40.737	ng	99
73) Carbazole	11.813	167	1067325	41.822	ng	100
74) Di-n-butylphthalate	12.130	149	1329650	41.490	ng	99
75) Fluoranthene	12.801	202	1215232	42.290	ng	100
77) Benzidine	12.924	184	757404	140.689	ng	99
78) Pyrene	13.036	202	1255257	40.029	ng	99
80) Butylbenzylphthalate	13.642	149	569474	43.811	ng	99
81) Benzo(a)anthracene	14.230	228	1149358	41.750	ng	98
82) 3,3'-Dichlorobenzidine	14.189	252	248372	32.623	ng	99
83) Chrysene	14.271	228	1055600	40.634	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	795781	43.527	ng	99
85) Di-n-octyl phthalate	14.830	149	1320112	45.266	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	1059347	37.284	ng	99
88) Benzo(b)fluoranthene	15.342	252	1130479	43.562	ng	99
89) Benzo(k)fluoranthene	15.371	252	1090989	42.263	ng	99
90) Benzo(a)pyrene	15.742	252	976514	40.066	ng	99
91) Dibenzo(a,h)anthracene	17.448	278	881824	37.265	ng	99
92) Benzo(g,h,i)perylene	17.924	276	831963	35.693	ng	99

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

