

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132374.D
 Acq On : 09 Feb 2023 11:21
 Operator : CG\JU
 Sample : PB150738BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150738BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2023
 Supervised By : Jagrut Upadhyay 02/10/2023

Quant Time: Feb 10 00:57:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	190371	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	718610	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	351555	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	625130	20.000	ng	0.00
76) Chrysene-d12	14.254	240	337993	20.000	ng	0.00
86) Perylene-d12	15.824	264	311271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1414834	119.461	ng	0.02
7) Phenol-d6	6.672	99	1671429	114.471	ng	0.00
23) Nitrobenzene-d5	7.613	82	1011632	78.338	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	568253	157.182	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1893311	83.166	ng	0.00
79) Terphenyl-d14	13.189	244	1985266	113.621	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.055	88	193243	34.676	ng	94
3) Pyridine	3.790	79	468372	30.980	ng	95
4) n-Nitrosodimethylamine	3.755	42	172792	35.719	ng	93
6) Aniline	6.707	93	613741m	30.976	ng	
8) 2-Chlorophenol	6.831	128	566532	46.186	ng	96
9) Benzaldehyde	6.596	77	182963	18.940	ng	98
10) Phenol	6.684	94	604039	39.968	ng	98
11) bis(2-Chloroethyl)ether	6.778	93	528982	42.530	ng	95
12) 1,3-Dichlorobenzene	6.990	146	594753	45.844	ng	98
13) 1,4-Dichlorobenzene	7.066	146	596453	46.058	ng	99
14) 1,2-Dichlorobenzene	7.219	146	578913	47.935	ng	98
15) Benzyl Alcohol	7.190	79	417487	39.185	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.319	45	469406	35.820	ng	92
17) 2-Methylphenol	7.290	107	434483	40.464	ng	99
18) Hexachloroethane	7.560	117	227135	46.754	ng	97
19) n-Nitroso-di-n-propyla...	7.460	70	297787	35.905	ng	96
20) 3+4-Methylphenols	7.448	107	525497	38.345	ng	# 84
22) Acetophenone	7.460	105	705355	41.738	ng	97
24) Nitrobenzene	7.637	77	501595	38.020	ng	91
25) Isophorone	7.872	82	963821	39.323	ng	94
26) 2-Nitrophenol	7.948	139	307398	47.836	ng	92
27) 2,4-Dimethylphenol	7.978	122	491043	43.656	ng	100
28) bis(2-Chloroethoxy)met...	8.078	93	611371	40.590	ng	99
29) 2,4-Dichlorophenol	8.190	162	453424	45.405	ng	96
30) 1,2,4-Trichlorobenzene	8.272	180	508197	47.522	ng	99
31) Naphthalene	8.360	128	1494489	42.250	ng	99
32) Benzoic acid	8.095	122	370756	44.531	ng	94
33) 4-Chloroaniline	8.401	127	244030	15.558	ng	96
34) Hexachlorobutadiene	8.466	225	304034	50.573	ng	100
35) Caprolactam	8.784	113	141590m	41.590	ng	
36) 4-Chloro-3-methylphenol	8.878	107	456879	42.467	ng	96
37) 2-Methylnaphthalene	9.048	142	990707	41.349	ng	99
38) 1-Methylnaphthalene	9.154	142	927810	41.669	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	475700	48.084	ng	99
41) Hexachlorocyclopentadiene	9.201	237	537341	93.095	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	332170	46.970	ng	98

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44) 2,4,5-Trichlorophenol	9.366	196	353951	43.484	ng	99
46) 1,1'-Biphenyl	9.519	154	1194245	44.063	ng	97
47) 2-Chloronaphthalene	9.542	162	930669	45.084	ng	98
48) 2-Nitroaniline	9.636	65	220089	35.849	ng	# 81
49) Acenaphthylene	9.966	152	1431919	42.502	ng	99
50) Dimethylphthalate	9.813	163	1084825	44.114	ng	98
51) 2,6-Dinitrotoluene	9.878	165	246344	44.854	ng	88
52) Acenaphthene	10.136	154	1023265	48.514	ng	99
53) 3-Nitroaniline	10.048	138	184887	27.759	ng	95
54) 2,4-Dinitrophenol	10.154	184	287591	89.775	ng	96
55) Dibenzofuran	10.307	168	1251840	42.241	ng	100
56) 4-Nitrophenol	10.201	139	404339	80.674	ng	93
57) 2,4-Dinitrotoluene	10.284	165	327353	45.884	ng	91
58) Fluorene	10.654	166	978509	42.903	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.419	232	280556	47.279	ng	98
60) Diethylphthalate	10.513	149	1085189	44.359	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	485930	44.893	ng	97
62) 4-Nitroaniline	10.672	138	241841	37.865	ng	95
63) Azobenzene	10.801	77	863618	36.242	ng	94
65) 4,6-Dinitro-2-methylph...	10.695	198	177742	50.097	ng	91
66) n-Nitrosodiphenylamine	10.760	169	853648	43.609	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	311817	48.712	ng	94
68) Hexachlorobenzene	11.201	284	360459	52.684	ng	95
69) Atrazine	11.283	200	289952	51.497	ng	98
70) Pentachlorophenol	11.395	266	395445	84.119	ng	100
71) Phenanthrene	11.625	178	1401138	42.892	ng	100
72) Anthracene	11.678	178	1431391	43.057	ng	99
73) Carbazole	11.825	167	1240012	41.599	ng	99
74) Di-n-butylphthalate	12.148	149	1607843	45.625	ng	100
75) Fluoranthene	12.819	202	1369633	41.086	ng	98
77) Benzidine	12.930	184	306251	25.917	ng	99
78) Pyrene	13.054	202	1379298	50.737	ng	99
80) Butylbenzylphthalate	13.660	149	610439	50.825	ng	93
81) Benzo(a)anthracene	14.242	228	1055951	44.668	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	233395	30.998	ng	99
83) Chrysene	14.283	228	983720	44.440	ng	99
84) Bis(2-ethylhexyl)phtha...	14.213	149	795763	49.017	ng	99
85) Di-n-octyl phthalate	14.842	149	1186482	44.808	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.459	276	1068021	51.638	ng	95
88) Benzo(b)fluoranthene	15.354	252	997206	50.400	ng	98
89) Benzo(k)fluoranthene	15.389	252	891598	47.209	ng	98
90) Benzo(a)pyrene	15.760	252	825394	44.799	ng	98
91) Dibenzo(a,h)anthracene	17.477	278	877837	52.790	ng	98
92) Benzo(g,h,i)perylene	17.959	276	889300	51.766	ng	96

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

