

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054927.D
 Acq On : 13 Sep 2022 18:20
 Operator : CG/JU
 Sample : N4578-11MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-3MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/14/2022
 Supervised By : Jagrut Upadhyay 09/14/2022

Quant Time: Sep 14 03:20:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	34888	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	144557	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	102135	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	245813	20.000	ng	0.00
76) Chrysene-d12	21.818	240	235340	20.000	ng	0.00
86) Perylene-d12	25.185	264	252527	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	272210	135.868	ng	0.00
7) Phenol-d6	7.300	99	364538	133.046	ng	0.00
23) Nitrobenzene-d5	9.316	82	201747	73.265	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	195363	153.077	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	504526	74.246	ng	-0.01
79) Terphenyl-d14	20.120	244	838189	70.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	39433	41.218	ng	95
3) Pyridine	3.922	79	103993	38.972	ng	89
4) n-Nitrosodimethylamine	3.834	42	45583	39.517	ng	86
6) Aniline	7.459	93	128320	39.417	ng	96
8) 2-Chlorophenol	7.700	128	119531	54.607	ng	95
9) Benzaldehyde	7.265	77	75215m	41.884	ng	
10) Phenol	7.324	94	147161	52.226	ng	95
11) bis(2-Chloroethyl)ether	7.547	93	105396	46.508	ng	93
12) 1,3-Dichlorobenzene	8.023	146	128523	50.737	ng	97
13) 1,4-Dichlorobenzene	8.170	146	129296	50.603	ng	97
14) 1,2-Dichlorobenzene	8.493	146	125080	51.627	ng	98
15) Benzyl Alcohol	8.375	79	99136m	50.083	ng	
16) 2,2'-oxybis(1-Chloropr...	8.657	45	132105	37.255	ng	95
17) 2-Methylphenol	8.587	107	101509	52.324	ng	98
18) Hexachloroethane	9.227	117	44610	48.148	ng	92
19) n-Nitroso-di-n-propyla...	8.939	70	82528	43.801	ng	92
20) 3+4-Methylphenols	8.916	107	140182	52.108	ng	94
22) Acetophenone	8.963	105	168060	46.470	ng	95
24) Nitrobenzene	9.357	77	120319	43.350	ng	95
25) Isophorone	9.874	82	237007	46.161	ng	97
26) 2-Nitrophenol	10.068	139	69303	56.527	ng	97
27) 2,4-Dimethylphenol	10.126	122	114474	58.931	ng	97
28) bis(2-Chloroethoxy)met...	10.355	93	143880	49.178	ng	99
29) 2,4-Dichlorophenol	10.614	162	121082	54.802	ng	98
30) 1,2,4-Trichlorobenzene	10.820	180	121110	47.966	ng	98
31) Naphthalene	11.014	128	356056	45.908	ng	100
33) 4-Chloroaniline	11.125	127	107233	33.914	ng	95
34) Hexachlorobutadiene	11.284	225	79351	49.051	ng	98
35) Caprolactam	11.907	113	45406m	58.251	ng	
36) 4-Chloro-3-methylphenol	12.241	107	127882	52.929	ng	100
37) 2-Methylnaphthalene	12.612	142	258058	47.473	ng	99
38) 1-Methylnaphthalene	12.829	142	245527	46.424	ng	100
40) 1,2,4,5-Tetrachloroben...	12.976	216	148805	48.332	ng	99
41) Hexachlorocyclopentadiene	12.947	237	91221	55.868	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	107490	52.599	ng	100
44) 2,4,5-Trichlorophenol	13.293	196	119232	51.953	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.610	154	355857	46.918	ng	98
47) 2-Chloronaphthalene	13.657	162	267327	46.410	ng	98
48) 2-Nitroaniline	13.863	65	79873	44.246	ng	86
49) Acenaphthylene	14.504	152	446728	46.998	ng	99
50) Dimethylphthalate	14.222	163	363859	46.242	ng	99
51) 2,6-Dinitrotoluene	14.351	165	82083	51.001	ng	# 80
52) Acenaphthene	14.838	154	299002m	48.970	ng	
53) 3-Nitroaniline	14.680	138	64385	35.736	ng	91
54) 2,4-Dinitrophenol	14.897	184	58585	65.798	ng	98
55) Dibenzofuran	15.173	168	429759	47.900	ng	99
56) 4-Nitrophenol	15.003	139	126877	91.000	ng	91
57) 2,4-Dinitrotoluene	15.138	165	116057	52.134	ng	# 82
58) Fluorene	15.820	166	364070	48.169	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.402	232	105313	50.905	ng	95
60) Diethylphthalate	15.573	149	366100	46.594	ng	97
61) 4-Chlorophenyl-phenyle...	15.802	204	187751	50.354	ng	97
62) 4-Nitroaniline	15.849	138	91221	49.591	ng	92
63) Azobenzene	16.096	77	312771	41.886	ng	95
65) 4,6-Dinitro-2-methylph...	15.902	198	62979	50.333	ng	95
66) n-Nitrosodiphenylamine	16.019	169	331541	46.770	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	134575	49.864	ng	97
68) Hexachlorobenzene	16.824	284	154532	50.935	ng	95
69) Atrazine	16.965	200	132524	52.991	ng	99
70) Pentachlorophenol	17.177	266	110148	66.820	ng	98
71) Phenanthrene	17.565	178	604213	46.142	ng	100
72) Anthracene	17.659	178	617699	48.519	ng	99
73) Carbazole	17.929	167	566415	48.289	ng	100
74) Di-n-butylphthalate	18.464	149	672517	45.309	ng	99
75) Fluoranthene	19.574	202	728590	45.738	ng	98
77) Benzidine	19.750	184	417163	71.566	ng	99
78) Pyrene	19.932	202	737389	44.935	ng	100
80) Butylbenzylphthalate	20.802	149	295323	43.145	ng	91
81) Benzo(a)anthracene	21.795	228	729891	45.742	ng	99
82) 3,3'-Dichlorobenzidine	21.701	252	157676	28.184	ng	99
83) Chrysene	21.866	228	685415	44.925	ng	100
84) Bis(2-ethylhexyl)phtha...	21.666	149	435096	44.119	ng	98
85) Di-n-octyl phthalate	22.923	149	727197	43.482	ng	# 92
87) Indeno(1,2,3-cd)pyrene	29.086	276	880940	45.952	ng	# 94
88) Benzo(b)fluoranthene	24.110	252	764646	48.269	ng	98
89) Benzo(k)fluoranthene	24.186	252	750985	47.105	ng	98
90) Benzo(a)pyrene	25.032	252	678669	50.145	ng	98
91) Dibenzo(a,h)anthracene	29.151	278	761368	48.748	ng	99
92) Benzo(g,h,i)perylene	30.314	276	757921	48.035	ng	96

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

