

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
 Data File : BG052617.D
 Acq On : 9 Mar 2022 18:24
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 02:58:19 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 10 02:54:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	26335	20.000	ng	0.00
21) Naphthalene-d8	11.008	136	110005	20.000	ng	0.00
39) Acenaphthene-d10	14.826	164	77868	20.000	ng	0.00
64) Phenanthrene-d10	17.575	188	189144	20.000	ng	0.00
76) Chrysene-d12	21.881	240	199900	20.000	ng	0.00
86) Perylene-d12	25.306	264	201760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	31266	20.227	ng	0.00
7) Phenol-d6	7.324	99	45904	21.134	ng	0.00
23) Nitrobenzene-d5	9.345	82	49494	20.512	ng	0.00
42) 2,4,6-Tribromophenol	16.312	330	22079	19.729	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	120613	21.359	ng	0.00
79) Terphenyl-d14	20.172	244	237794	21.302	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.518	88	7379	10.535	ng	95
3) Pyridine	3.941	79	19562m	10.336	ng	
4) n-Nitrosodimethylamine	3.841	42	8995	9.967	ng	# 94
6) Aniline	7.483	93	26087	10.358	ng	97
8) 2-Chlorophenol	7.736	128	17015	10.484	ng	88
9) Benzaldehyde	7.295	77	14818m	11.374	ng	
10) Phenol	7.348	94	23459	10.839	ng	96
11) bis(2-Chloroethyl)ether	7.571	93	18652	11.168	ng	94
12) 1,3-Dichlorobenzene	8.065	146	20233	10.586	ng	98
13) 1,4-Dichlorobenzene	8.211	146	21097	10.955	ng	96
14) 1,2-Dichlorobenzene	8.534	146	20659	11.013	ng	97
15) Benzyl Alcohol	8.405	79	16867	9.963	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.705	45	25198	11.195	ng	98
17) 2-Methylphenol	8.617	107	14914	10.384	ng	95
18) Hexachloroethane	9.275	117	7709	11.372	ng	# 82
19) n-Nitroso-di-n-propyla...	8.975	70	15630	10.569	ng	# 95
20) 3+4-Methylphenols	8.946	107	21183	10.790	ng	96
22) Acetophenone	8.999	105	29431	10.375	ng	# 97
24) Nitrobenzene	9.386	77	23441	10.270	ng	98
25) Isophorone	9.915	82	40812	10.028	ng	99
26) 2-Nitrophenol	10.115	139	9802	9.604	ng	# 81
27) 2,4-Dimethylphenol	10.168	122	14212	9.648	ng	96
28) bis(2-Chloroethoxy)met...	10.391	93	25276	10.346	ng	97
29) 2,4-Dichlorophenol	10.661	162	17054	9.799	ng	98
30) 1,2,4-Trichlorobenzene	10.872	180	23022	10.804	ng	90
31) Naphthalene	11.060	128	58520	10.140	ng	97
32) Benzoic acid	10.168	122	14212	23.763	ng	# 13
33) 4-Chloroaniline	11.166	127	22504	9.636	ng	98
34) Hexachlorobutadiene	11.348	225	14509	9.959	ng	93
35) Caprolactam	11.912	113	5377	8.691	ng	# 81
36) 4-Chloro-3-methylphenol	12.282	107	18952	9.777	ng	# 90
37) 2-Methylnaphthalene	12.664	142	42636	10.132	ng	98
38) 1-Methylnaphthalene	12.876	142	43149	10.524	ng	97
40) 1,2,4,5-Tetrachloroben...	13.028	216	27185	10.524	ng	97
41) Hexachlorocyclopentadiene	13.011	237	8763	8.973	ng	92
43) 2,4,6-Trichlorophenol	13.269	196	14597	9.064	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.351	196	16196	9.313	ng	97
46) 1,1'-Biphenyl	13.657	154	60822	10.598	ng	99
47) 2-Chloronaphthalene	13.704	162	47368	10.654	ng	97
48) 2-Nitroaniline	13.904	65	14535	9.949	ng	93
49) Acenaphthylene	14.550	152	72229	10.105	ng	96
50) Dimethylphthalate	14.262	163	61248	10.213	ng	98
51) 2,6-Dinitrotoluene	14.385	165	12735	9.783	ng	94
52) Acenaphthene	14.885	154	43858	9.447	ng	96
53) 3-Nitroaniline	14.726	138	13101	9.532	ng	97
54) 2,4-Dinitrophenol	14.949	184	2667m	4.105	ng	
55) Dibenzofuran	15.220	168	77527	10.564	ng	98
56) 4-Nitrophenol	15.043	139	7380	7.897	ng	93
57) 2,4-Dinitrotoluene	15.178	165	18339	9.961	ng	# 97
58) Fluorene	15.872	166	63233	10.649	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.460	232	14459	8.696	ng	# 95
60) Diethylphthalate	15.619	149	61532	10.056	ng	98
61) 4-Chlorophenyl-phenyle...	15.854	204	34162	10.254	ng	98
62) 4-Nitroaniline	15.883	138	14774	10.313	ng	99
63) Azobenzene	16.148	77	61366	10.273	ng	98
65) 4,6-Dinitro-2-methylph...	15.948	198	9872m	8.543	ng	
66) n-Nitrosodiphenylamine	16.065	169	53955	10.271	ng	98
67) 4-Bromophenyl-phenylether	16.753	248	24112	10.548	ng	97
68) Hexachlorobenzene	16.882	284	25745	10.417	ng	96
69) Atrazine	17.011	200	20740	10.360	ng	91
70) Pentachlorophenol	17.252	266	5812m	5.059	ng	
71) Phenanthrene	17.616	178	103370	10.515	ng	98
72) Anthracene	17.710	178	101410	10.452	ng	100
73) Carbazole	17.975	167	99635	10.446	ng	94
74) Di-n-butylphthalate	18.515	149	107742	10.137	ng	99
75) Fluoranthene	19.625	202	131274	10.358	ng	99
77) Benzidine	19.796	184	45241	10.584	ng	99
78) Pyrene	19.984	202	134650	10.226	ng	97
80) Butylbenzylphthalate	20.853	149	45704	9.352	ng	99
81) Benzo(a)anthracene	21.863	228	135779	10.211	ng	97
82) 3,3'-Dichlorobenzidine	21.764	252	45856	9.731	ng	98
83) Chrysene	21.928	228	125606	9.951	ng	98
84) Bis(2-ethylhexyl)phtha...	21.740	149	65007	9.540	ng	97
85) Di-n-octyl phthalate	23.015	149	107393	9.449	ng	99
87) Indeno(1,2,3-cd)pyrene	29.242	276	142727	9.691	ng	# 95
88) Benzo(b)fluoranthene	24.213	252	123373	9.755	ng	98
89) Benzo(k)fluoranthene	24.278	252	129322	10.293	ng	99
90) Benzo(a)pyrene	25.141	252	104904	9.860	ng	99
91) Dibenzo(a,h)anthracene	29.312	278	122221	10.072	ng	# 97
92) Benzo(g,h,i)perylene	30.487	276	115321	9.641	ng	98

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

