

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053096.D
 Acq On : 11 Apr 2022 11:37
 Operator : CG/JU
 Sample : PB143996BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143996BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/12/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 06:07:01 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 08 15:31:24 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	29743	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	124773	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	94753	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	230672	20.000	ng	0.00
76) Chrysene-d12	21.769	240	239849	20.000	ng	0.00
86) Perylene-d12	25.065	264	247325	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	231822	133.606	ng	0.00
7) Phenol-d6	7.277	99	333506	124.641	ng	0.00
23) Nitrobenzene-d5	9.280	82	236850	77.075	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	166392	110.377	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	522524	76.041	ng	0.00
79) Terphenyl-d14	20.089	244	1061982	74.780	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.559	88	25508	30.784	ng	# 89
3) Pyridine	3.964	79	67331	30.809	ng	# 89
4) n-Nitrosodimethylamine	3.876	42	45402	41.952	ng	# 78
6) Aniline	7.436	93	101636	32.775	ng	94
8) 2-Chlorophenol	7.682	128	86152	45.992	ng	93
9) Benzaldehyde	7.254	77	51910m	32.456	ng	
10) Phenol	7.306	94	118152	44.361	ng	91
11) bis(2-Chloroethyl)ether	7.530	93	81223	42.305	ng	93
12) 1,3-Dichlorobenzene	8.011	146	89426m	41.083	ng	
13) 1,4-Dichlorobenzene	8.158	146	90265	40.676	ng	94
14) 1,2-Dichlorobenzene	8.475	146	88278	41.253	ng	98
15) Benzyl Alcohol	8.352	79	99671	41.908	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.646	45	131509	41.028	ng	98
17) 2-Methylphenol	8.558	107	79306	44.002	ng	93
18) Hexachloroethane	9.210	117	33175	39.866	ng	94
19) n-Nitroso-di-n-propyla...	8.922	70	79167	40.414	ng	96
20) 3+4-Methylphenols	8.881	107	110823	43.557	ng	96
22) Acetophenone	8.939	105	133672	38.616	ng	96
24) Nitrobenzene	9.321	77	122335	40.929	ng	# 88
25) Isophorone	9.844	82	216736	41.495	ng	98
26) 2-Nitrophenol	10.038	139	49066	39.257	ng	97
27) 2,4-Dimethylphenol	10.097	122	86192	48.151	ng	90
28) bis(2-Chloroethoxy)met...	10.326	93	116403	39.669	ng	98
29) 2,4-Dichlorophenol	10.578	162	93745	41.658	ng	98
30) 1,2,4-Trichlorobenzene	10.796	180	97853	38.420	ng	94
31) Naphthalene	10.984	128	263810	39.630	ng	99
32) Benzoic acid	10.238	122	41733m	36.744	ng	
33) 4-Chloroaniline	11.084	127	59853	20.996	ng	99
34) Hexachlorobutadiene	11.272	225	71098	37.580	ng	98
35) Caprolactam	11.847	113	30665m	38.660	ng	
36) 4-Chloro-3-methylphenol	12.200	107	107616	41.077	ng	92
37) 2-Methylnaphthalene	12.576	142	195462	39.681	ng	# 96
38) 1-Methylnaphthalene	12.799	142	187872	39.074	ng	94
40) 1,2,4,5-Tetrachloroben...	12.946	216	123238	38.295	ng	99
41) Hexachlorocyclopentadiene	12.928	237	157480	94.795	ng	94
43) 2,4,6-Trichlorophenol	13.181	196	84286	37.987	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	90652	38.340	ng	96
46) 1,1'-Biphenyl	13.580	154	263038	38.549	ng	99
47) 2-Chloronaphthalene	13.621	162	206644	37.958	ng	95
48) 2-Nitroaniline	13.815	65	80921	39.169	ng	92
49) Acenaphthylene	14.467	152	358962	42.122	ng	99
50) Dimethylphthalate	14.191	163	294248	38.826	ng	98
51) 2,6-Dinitrotoluene	14.309	165	63348	40.067	ng	# 78
52) Acenaphthene	14.808	154	258265m	44.689	ng	
53) 3-Nitroaniline	14.638	138	43661	26.116	ng	87
54) 2,4-Dinitrophenol	14.843	184	79690	79.215	ng	# 83
55) Dibenzofuran	15.143	168	345119	38.138	ng	99
56) 4-Nitrophenol	14.949	139	102299	80.231	ng	# 67
57) 2,4-Dinitrotoluene	15.096	165	92497	41.093	ng	# 93
58) Fluorene	15.789	166	281648	38.536	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.366	232	86548	37.693	ng	99
60) Diethylphthalate	15.548	149	299956	37.775	ng	99
61) 4-Chlorophenyl-phenyle...	15.777	204	157438	38.000	ng	98
62) 4-Nitroaniline	15.801	138	64442	36.529	ng	# 77
63) Azobenzene	16.065	77	305621	38.175	ng	98
65) 4,6-Dinitro-2-methylph...	15.860	198	56163	34.898	ng	93
66) n-Nitrosodiphenylamine	15.989	169	251640	37.936	ng	99
67) 4-Bromophenyl-phenylether	16.670	248	111878	37.851	ng	94
68) Hexachlorobenzene	16.799	284	124877	39.013	ng	97
69) Atrazine	16.929	200	110794	42.759	ng	100
70) Pentachlorophenol	17.140	266	141612	80.950	ng	92
71) Phenanthrene	17.528	178	486704	38.628	ng	98
72) Anthracene	17.622	178	489739	39.234	ng	99
73) Carbazole	17.886	167	452582	37.299	ng	99
74) Di-n-butylphthalate	18.433	149	529967	38.511	ng	99
75) Fluoranthene	19.531	202	638677	39.545	ng	99
77) Benzidine	19.707	184	245148	35.823	ng	99
78) Pyrene	19.895	202	636932	37.287	ng	98
80) Butylbenzylphthalate	20.771	149	238475	37.446	ng	98
81) Benzo(a)anthracene	21.752	228	636080	38.787	ng	98
82) 3,3'-Dichlorobenzidine	21.658	252	156324	25.920	ng	98
83) Chrysene	21.816	228	577791	37.964	ng	99
84) Bis(2-ethylhexyl)phtha...	21.646	149	332648	38.643	ng	99
85) Di-n-octyl phthalate	22.879	149	564917	39.239	ng	96
87) Indeno(1,2,3-cd)pyrene	28.848	276	706317	38.439	ng	# 96
88) Benzo(b)fluoranthene	24.019	252	654530	41.944	ng	98
89) Benzo(k)fluoranthene	24.090	252	623520	40.656	ng	99
90) Benzo(a)pyrene	24.918	252	623898	46.931	ng	98
91) Dibenzo(a,h)anthracene	28.918	278	613988	40.598	ng	99
92) Benzo(g,h,i)perylene	30.029	276	602705	40.433	ng	96

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

