

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
 Data File : BG049933.D
 Acq On : 23 Aug 2021 14:38
 Operator : CG/JU
 Sample : PB138637BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138637BS

Manual Integrations
 APPROVED

mohammad
 8/24/2021 11:18:46 AM
 8/24/2021 11:18:46 AM

Quant Time: Aug 23 16:17:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	24703	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	104915	20.000	ng	# 0.00
39) Acenaphthene-d10	14.646	164	75526	20.000	ng	0.00
64) Phenanthrene-d10	17.395	188	170183	20.000	ng	# 0.00
76) Chrysene-d12	21.677	240	128093	20.000	ng	0.00
86) Perylene-d12	24.914	264	134471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	203472	147.652	ng	0.00
7) Phenol-d6	7.156	99	276971	132.776	ng	0.00
23) Nitrobenzene-d5	9.153	82	194145	81.887	ng	0.00
42) 2,4,6-Tribromophenol	16.144	330	152758	137.603	ng	0.00
45) 2-Fluorobiphenyl	13.259	172	435432	83.890	ng	0.00
79) Terphenyl-d14	20.009	244	718230	101.836	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.367	88	19836	32.940	ng	97
3) Pyridine	3.784	79	44232	26.796	ng	# 85
4) n-Nitrosodimethylamine	3.696	42	36977	41.659	ng	# 68
6) Aniline	7.303	93	108885	49.251	ng	95
8) 2-Chlorophenol	7.550	128	76975	51.233	ng	94
9) Benzaldehyde	7.115	77	59381	42.662	ng	86
10) Phenol	7.185	94	101038	49.989	ng	93
11) bis(2-Chloroethyl)ether	7.397	93	66979	49.079	ng	92
12) 1,3-Dichlorobenzene	7.867	146	80098	46.549	ng	96
13) 1,4-Dichlorobenzene	8.020	146	81797	46.962	ng	97
14) 1,2-Dichlorobenzene	8.337	146	79118	47.948	ng	97
15) Benzyl Alcohol	8.231	79	87175	49.761	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.507	45	70157	45.243	ng	97
17) 2-Methylphenol	8.442	107	71985	54.083	ng	95
18) Hexachloroethane	9.071	117	32324	48.276	ng	97
19) n-Nitroso-di-n-propyla...	8.795	70	61921	44.358	ng	89
20) 3+4-Methylphenols	8.771	107	94826	50.728	ng	98
22) Acetophenone	8.813	105	126174	44.266	ng	# 93
24) Nitrobenzene	9.194	77	102702	41.052	ng	96
25) Isophorone	9.723	82	169404	40.041	ng	97
26) 2-Nitrophenol	9.911	139	44888	47.015	ng	97
27) 2,4-Dimethylphenol	9.976	122	74800	53.007	ng	97
28) bis(2-Chloroethoxy)met...	10.199	93	91482	49.431	ng	94
29) 2,4-Dichlorophenol	10.457	162	83194	48.042	ng	97
30) 1,2,4-Trichlorobenzene	10.669	180	88043	46.176	ng	97
31) Naphthalene	10.857	128	240891	43.841	ng	98
32) Benzoic acid	10.134	122	28214	30.343	ng	# 86
33) 4-Chloroaniline	10.968	127	82517	38.040	ng	# 90
34) Hexachlorobutadiene	11.133	225	59269	42.776	ng	97
35) Caprolactam	11.756	113	26896m	50.269	ng	
36) 4-Chloro-3-methylphenol	12.102	107	96900	48.444	ng	# 89
37) 2-Methylnaphthalene	12.466	142	185739	44.874	ng	96
38) 1-Methylnaphthalene	12.684	142	173695	44.650	ng	95
40) 1,2,4,5-Tetrachloroben...	12.837	216	102076	45.869	ng	98
41) Hexachlorocyclopentadiene	12.807	237	86702	72.716	ng	98
43) 2,4,6-Trichlorophenol	13.077	196	67749	45.158	ng	91

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44) 2,4,5-Trichlorophenol	13.160	196	71210	43.752	ng	89
46) 1,1'-Biphenyl	13.471	154	233271	43.365	ng	99
47) 2-Chloronaphthalene	13.518	162	190934	44.440	ng	99
48) 2-Nitroaniline	13.724	65	68701	43.547	ng	91
49) Acenaphthylene	14.370	152	301397	44.261	ng	95
50) Dimethylphthalate	14.094	163	260794	45.767	ng	99
51) 2,6-Dinitrotoluene	14.217	165	55796	44.472	ng	92
52) Acenaphthene	14.710	154	177261	43.213	ng	96
53) 3-Nitroaniline	14.558	138	50738	41.469	ng	98
54) 2,4-Dinitrophenol	14.775	184	61273	86.025	ng	94
55) Dibenzofuran	15.045	168	285767	42.942	ng	97
56) 4-Nitrophenol	14.887	139	73292	81.995	ng	100
57) 2,4-Dinitrotoluene	15.016	165	82712	46.938	ng	95
58) Fluorene	15.691	166	237999	44.002	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.280	232	64013m	42.346	ng	
60) Diethylphthalate	15.457	149	272794	47.599	ng	96
61) 4-Chlorophenyl-phenyle...	15.680	204	129016	44.690	ng	91
62) 4-Nitroaniline	15.727	138	61045	48.504	ng	88
63) Azobenzene	15.973	77	247288	40.767	ng	89
65) 4,6-Dinitro-2-methylph...	15.785	198	44494	40.675	ng	88
66) n-Nitrosodiphenylamine	15.897	169	214848	44.680	ng	99
67) 4-Bromophenyl-phenylether	16.579	248	93530	46.665	ng	95
68) Hexachlorobenzene	16.708	284	100514	45.139	ng	94
69) Atrazine	16.849	200	101376	52.703	ng	93
70) Pentachlorophenol	17.060	266	80146	67.122	ng	95
71) Phenanthrene	17.442	178	400732	44.757	ng	96
72) Anthracene	17.530	178	411243	46.768	ng	98
73) Carbazole	17.806	167	371735	44.636	ng	99
74) Di-n-butylphthalate	18.347	149	454085	46.773	ng	99
75) Fluoranthene	19.451	202	471915	42.832	ng	98
77) Benzidine	19.633	184	314323	95.771	ng	98
78) Pyrene	19.815	202	461444	52.841	ng	98
80) Butylbenzylphthalate	20.691	149	161705	48.621	ng	98
81) Benzo(a)anthracene	21.660	228	381173	45.694	ng	100
82) 3,3'-Dichlorobenzidine	21.566	252	121732	49.979	ng	100
83) Chrysene	21.724	228	374844	47.008	ng	98
84) Bis(2-ethylhexyl)phtha...	21.542	149	217474	46.195	ng	94
85) Di-n-octyl phthalate	22.753	149	363602	45.719	ng	100
87) Indeno(1,2,3-cd)pyrene	28.645	276	459743	47.407	ng	# 97
88) Benzo(b)fluoranthene	23.886	252	400744	45.439	ng	# 99
89) Benzo(k)fluoranthene	23.957	252	380844m	46.295	ng	
90) Benzo(a)pyrene	24.762	252	379675	47.570	ng	99
91) Dibenzo(a,h)anthracene	28.697	278	391313	47.884	ng	95
92) Benzo(g,h,i)perylene	29.802	276	381395	47.638	ng	100

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

