

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051175.D
 Acq On : 22 Nov 2021 18:13
 Operator : CG/JU
 Sample : M4770-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

CC-1MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021

Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 23 00:51:03 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 19 16:26:22 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	27439	20.000	ng	-0.01
21) Naphthalene-d8	11.033	136	115865	20.000	ng	# 0.00
39) Acenaphthene-d10	14.840	164	78532	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	188612	20.000	ng	# 0.00
76) Chrysene-d12	21.890	240	184224	20.000	ng	# 0.00
86) Perylene-d12	25.298	264	189066	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	191346	107.800	ng	0.00
7) Phenol-d6	7.360	99	238854	95.541	ng	0.00
23) Nitrobenzene-d5	9.382	82	188394	74.224	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	92821	111.204	ng	0.00
45) 2-Fluorobiphenyl	13.459	172	369462	70.991	ng	0.00
79) Terphenyl-d14	20.175	244	750275	74.452	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	27759	37.296	ng	# 57
3) Pyridine	4.011	79	48185	21.761	ng	# 89
4) n-Nitrosodimethylamine	3.912	42	41216	43.293	ng	# 39
6) Aniline	7.525	93	75842	25.538	ng	96
8) 2-Chlorophenol	7.772	128	77519	41.612	ng	95
9) Benzaldehyde	7.337	77	54769	30.280	ng	92
10) Phenol	7.390	94	95898	37.367	ng	81
11) bis(2-Chloroethyl)ether	7.613	93	79363	40.904	ng	91
12) 1,3-Dichlorobenzene	8.089	146	77865	39.069	ng	95
13) 1,4-Dichlorobenzene	8.242	146	79484	38.470	ng	97
14) 1,2-Dichlorobenzene	8.559	146	76651	39.109	ng	95
15) Benzyl Alcohol	8.447	79	81982	41.043	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.724	45	115684	41.246	ng	86
17) 2-Methylphenol	8.653	107	70542	40.715	ng	# 90
18) Hexachloroethane	9.293	117	30907	40.031	ng	95
19) n-Nitroso-di-n-propyla...	9.006	70	68934	37.355	ng	90
20) 3+4-Methylphenols	8.982	107	95356	38.619	ng	92
22) Acetophenone	9.035	105	121800	38.912	ng	# 93
24) Nitrobenzene	9.423	77	102821	41.770	ng	93
25) Isophorone	9.940	82	182498	39.938	ng	# 94
26) 2-Nitrophenol	10.140	139	44028	39.511	ng	# 88
27) 2,4-Dimethylphenol	10.187	122	77085	46.866	ng	93
28) bis(2-Chloroethoxy)met...	10.422	93	105713	38.850	ng	# 91
29) 2,4-Dichlorophenol	10.686	162	76575	41.251	ng	95
30) 1,2,4-Trichlorobenzene	10.892	180	78922	37.850	ng	94
31) Naphthalene	11.085	128	240587	39.350	ng	98
32) Benzoic acid	10.333	122	30224m	28.053	ng	
33) 4-Chloroaniline	11.197	127	27789	10.577	ng	# 96
34) Hexachlorobutadiene	11.350	225	49005	38.065	ng	96
35) Caprolactam	11.973	113	24652m	49.726	ng	
36) 4-Chloro-3-methylphenol	12.308	107	92885	40.526	ng	# 92
37) 2-Methylnaphthalene	12.678	142	172502	39.824	ng	91
38) 1-Methylnaphthalene	12.895	142	160938m	38.057	ng	
40) 1,2,4,5-Tetrachloroben...	13.036	216	92624	38.808	ng	98
41) Hexachlorocyclopentadiene	13.007	237	69995	102.391	ng	94
43) 2,4,6-Trichlorophenol	13.277	196	65990	40.101	ng	94

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44) 2,4,5-Trichlorophenol	13.359	196	71932	40.442	ng	92
46) 1,1'-Biphenyl	13.671	154	221593	39.254	ng	96
47) 2-Chloronaphthalene	13.718	162	177722	39.766	ng	98
48) 2-Nitroaniline	13.923	65	68914	42.662	ng	89
49) Acenaphthylene	14.564	152	288324	40.464	ng	97
50) Dimethylphthalate	14.282	163	246016	40.662	ng	99
51) 2,6-Dinitrotoluene	14.417	165	53710	42.502	ng	# 80
52) Acenaphthene	14.899	154	169517	40.762	ng	93
53) 3-Nitroaniline	14.746	138	33819	23.890	ng	92
54) 2,4-Dinitrophenol	14.963	184	39938	57.874	ng	83
55) Dibenzofuran	15.234	168	282756	39.151	ng	95
56) 4-Nitrophenol	15.063	139	85124	85.483	ng	# 74
57) 2,4-Dinitrotoluene	15.204	165	78666	43.459	ng	# 92
58) Fluorene	15.886	166	230254	40.606	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.463	232	61954	40.572	ng	# 98
60) Diethylphthalate	15.633	149	258387	40.498	ng	98
61) 4-Chlorophenyl-phenyle...	15.868	204	123029	39.688	ng	93
62) 4-Nitroaniline	15.915	138	61976	40.941	ng	# 62
63) Azobenzene	16.162	77	261583	40.938	ng	# 82
65) 4,6-Dinitro-2-methylph...	15.974	198	38481	34.163	ng	88
66) n-Nitrosodiphenylamine	16.085	169	210908	38.966	ng	97
67) 4-Bromophenyl-phenylether	16.761	248	77865	38.170	ng	94
68) Hexachlorobenzene	16.890	284	82544	39.810	ng	98
69) Atrazine	17.026	200	86705	60.234	ng	97
70) Pentachlorophenol	17.237	266	84016	89.131	ng	96
71) Phenanthrene	17.631	178	412087	40.649	ng	97
72) Anthracene	17.719	178	419694	41.732	ng	99
73) Carbazole	17.995	167	403866	40.827	ng	98
74) Di-n-butylphthalate	18.518	149	496798	41.482	ng	# 97
75) Fluoranthene	19.634	202	538780	43.109	ng	96
77) Benzidine	19.811	184	77580	25.646	ng	97
78) Pyrene	19.993	202	549375	41.120	ng	98
80) Butylbenzylphthalate	20.856	149	231757	40.689	ng	96
81) Benzo(a)anthracene	21.867	228	507727	40.412	ng	99
82) 3,3'-Dichlorobenzidine	21.773	252	124121	22.108	ng	# 99
83) Chrysene	21.943	228	493890	41.867	ng	98
84) Bis(2-ethylhexyl)phtha...	21.732	149	332945	41.964	ng	# 97
85) Di-n-octyl phthalate	22.995	149	571625	43.000	ng	99
87) Indeno(1,2,3-cd)pyrene	29.223	276	562226	41.436	ng	# 89
88) Benzo(b)fluoranthene	24.205	252	518835	44.517	ng	# 94
89) Benzo(k)fluoranthene	24.276	252	489860	41.435	ng	# 97
90) Benzo(a)pyrene	25.134	252	498827	49.323	ng	# 96
91) Dibenzo(a,h)anthracene	29.276	278	468794	41.938	ng	# 91
92) Benzo(g,h,i)perylene	30.445	276	471028	42.606	ng	# 92

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

