

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052766.D
 Acq On : 21 Mar 2022 13:56
 Operator : CG/JU
 Sample : N1983-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124042MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

Quant Time: Mar 21 15:26:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	44978	20.000	ng	#-0.01
21) Naphthalene-d8	10.960	136	178652	20.000	ng	-0.01
39) Acenaphthene-d10	14.766	164	129119	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	287166	20.000	ng	0.00
76) Chrysene-d12	21.804	240	275454	20.000	ng	0.00
86) Perylene-d12	25.117	264	295815	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	355210	137.534	ng	0.00
7) Phenol-d6	7.294	99	500660	128.583	ng	0.00
23) Nitrobenzene-d5	9.309	82	338760	95.171	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	223306	128.706	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	642575	73.397	ng	-0.01
79) Terphenyl-d14	20.112	244	1032863	66.701	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	56931	44.066	ng	# 92
3) Pyridine	3.993	79	145425	43.911	ng	92
4) n-Nitrosodimethylamine	3.899	42	79735	54.272	ng	94
6) Aniline	7.464	93	177343	38.844	ng	95
8) 2-Chlorophenol	7.705	128	150740	55.546	ng	95
9) Benzaldehyde	7.276	77	102383	51.038	ng	94
10) Phenol	7.323	94	205439	53.450	ng	92
11) bis(2-Chloroethyl)ether	7.558	93	148868	51.288	ng	92
12) 1,3-Dichlorobenzene	8.040	146	164523	50.352	ng	96
13) 1,4-Dichlorobenzene	8.181	146	164700	50.168	ng	97
14) 1,2-Dichlorobenzene	8.504	146	159004	51.212	ng	98
15) Benzyl Alcohol	8.375	79	170756	52.084	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.675	45	239960	47.472	ng	99
17) 2-Methylphenol	8.581	107	138962	54.233	ng	97
18) Hexachloroethane	9.238	117	63753	52.929	ng	90
19) n-Nitroso-di-n-propyla...	8.951	70	136021	49.324	ng	96
20) 3+4-Methylphenols	8.904	107	187438	52.271	ng	95
22) Acetophenone	8.968	105	232236	50.232	ng	95
24) Nitrobenzene	9.350	77	204973	57.552	ng	90
25) Isophorone	9.879	82	372564	54.055	ng	98
26) 2-Nitrophenol	10.061	139	78689	63.623	ng	97
27) 2,4-Dimethylphenol	10.120	122	149654	59.145	ng	95
28) bis(2-Chloroethoxy)met...	10.355	93	200268	49.141	ng	98
29) 2,4-Dichlorophenol	10.601	162	156708	55.040	ng	96
30) 1,2,4-Trichlorobenzene	10.819	180	171972	51.201	ng	99
31) Naphthalene	11.013	128	463418	50.162	ng	99
32) Benzoic acid	10.255	122	100097	52.650	ng	# 89
33) 4-Chloroaniline	11.107	127	75979	19.404	ng	97
34) Hexachlorobutadiene	11.300	225	120777	50.154	ng	98
35) Caprolactam	11.888	113	49046m	63.087	ng	
36) 4-Chloro-3-methylphenol	12.217	107	176199	53.293	ng	91
37) 2-Methylnaphthalene	12.605	142	333502	49.294	ng	97
38) 1-Methylnaphthalene	12.822	142	321047m	48.622	ng	
40) 1,2,4,5-Tetrachloroben...	12.975	216	200221	49.634	ng	# 97
41) Hexachlorocyclopentadiene	12.957	237	260717	109.035	ng	91
43) 2,4,6-Trichlorophenol	13.204	196	141626	54.823	ng	94

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44) 2,4,5-Trichlorophenol	13.274	196	149263	56.925	ng	95
46) 1,1'-Biphenyl	13.603	154	447317	49.538	ng	97
47) 2-Chloronaphthalene	13.650	162	346292	48.697	ng	95
48) 2-Nitroaniline	13.838	65	120519	61.970	ng	95
49) Acenaphthylene	14.490	152	581719	51.317	ng	97
50) Dimethylphthalate	14.214	163	455567	47.473	ng	99
51) 2,6-Dinitrotoluene	14.332	165	95246	58.786	ng	# 85
52) Acenaphthene	14.831	154	414745	57.111	ng	93
53) 3-Nitroaniline	14.655	138	62631	33.035	ng	86
54) 2,4-Dinitrophenol	14.860	184	117036	132.520	ng	# 90
55) Dibenzofuran	15.166	168	557598	47.018	ng	99
56) 4-Nitrophenol	14.960	139	169963	109.900	ng	# 84
57) 2,4-Dinitrotoluene	15.113	165	132676	59.019	ng	87
58) Fluorene	15.812	166	460987	47.686	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.383	232	141048	50.327	ng	98
60) Diethylphthalate	15.577	149	468055	46.207	ng	99
61) 4-Chlorophenyl-phenyle...	15.800	204	247341	46.393	ng	97
62) 4-Nitroaniline	15.824	138	100315	50.075	ng	86
63) Azobenzene	16.094	77	494064	45.633	ng	97
65) 4,6-Dinitro-2-methylph...	15.877	198	76132	59.467	ng	98
66) n-Nitrosodiphenylamine	16.012	169	405152	50.114	ng	97
67) 4-Bromophenyl-phenylether	16.693	248	171181	49.444	ng	94
68) Hexachlorobenzene	16.822	284	187538	50.395	ng	96
69) Atrazine	16.957	200	166699	55.919	ng	99
70) Pentachlorophenol	17.157	266	238309	103.223	ng	93
71) Phenanthrene	17.557	178	838675	54.592	ng	99
72) Anthracene	17.645	178	763241	50.257	ng	99
73) Carbazole	17.909	167	693426	46.102	ng	100
74) Di-n-butylphthalate	18.467	149	791792	48.188	ng	99
75) Fluoranthene	19.560	202	985451	50.534	ng	98
77) Benzidine	19.730	184	409734	57.672	ng	99
78) Pyrene	19.918	202	968086	50.666	ng	100
80) Butylbenzylphthalate	20.799	149	341537	50.390	ng	95
81) Benzo(a)anthracene	21.780	228	932972	50.582	ng	98
82) 3,3'-Dichlorobenzidine	21.686	252	199583	30.641	ng	97
83) Chrysene	21.851	228	848009	48.904	ng	99
84) Bis(2-ethylhexyl)phtha...	21.680	149	513885	55.750	ng	98
85) Di-n-octyl phthalate	22.932	149	815067	53.116	ng	96
87) Indeno(1,2,3-cd)pyrene	28.918	276	1040536	51.390	ng	# 95
88) Benzo(b)fluoranthene	24.065	252	957649	52.139	ng	99
89) Benzo(k)fluoranthene	24.136	252	885282	48.989	ng	98
90) Benzo(a)pyrene	24.964	252	915574	58.889	ng	98
91) Dibenzo(a,h)anthracene	28.988	278	898899	53.878	ng	96
92) Benzo(g,h,i)perylene	30.110	276	903709	54.744	ng	96

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

