

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048445.D
 Acq On : 22 Mar 2021 15:07
 Operator : CG/JU
 Sample : M1732-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3B-(2.5-3.0)MSD

Manual Integrations
 APPROVED

mohammad
 3/23/2021 11:21:53 AM

Quant Time: Mar 22 16:26:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	42006	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	166354	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	143135	20.00	ng	0.00
64) Phenanthrene-d10	17.495	188	366479	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	376460	20.00	ng	# 0.00
86) Perylene-d12	25.127	264	383658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	295848	116.47	ng	0.00
7) Phenol-d6	7.248	99	414544	112.15	ng	0.00
23) Nitrobenzene-d5	9.269	82	297800	71.58	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	268634	115.40	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	668723	67.21	ng	0.00
79) Terphenyl-d14	20.104	244	1455768	69.74	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	37688	35.17	ng	# 92
3) Pyridine	3.922	79	114362	38.28	ng	# 82
4) n-Nitrosodimethylamine	3.828	42	73841	42.53	ng	# 63
6) Aniline	7.418	93	66300	15.17	ng	# 84
8) 2-Chlorophenol	7.665	128	130767	49.37	ng	91
9) Benzaldehyde	7.230	77	120073	65.42	ng	# 80
10) Phenol	7.277	94	188706	49.82	ng	# 70
11) bis(2-Chloroethyl)ether	7.512	93	117954	44.45	ng	95
12) 1,3-Dichlorobenzene	7.994	146	138806	44.05	ng	# 91
13) 1,4-Dichlorobenzene	8.135	146	135692	43.38	ng	94
14) 1,2-Dichlorobenzene	8.458	146	132794m	44.25	ng	
15) Benzyl Alcohol	8.335	79	152875	46.59	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.623	45	128998	42.51	ng	88
17) 2-Methylphenol	8.541	107	122566	51.03	ng	# 85
18) Hexachloroethane	9.193	117	52883	43.95	ng	95
19) n-Nitroso-di-n-propyla...	8.905	70	122257	44.56	ng	# 92
20) 3+4-Methylphenols	8.864	107	166008	50.46	ng	90
22) Acetophenone	8.928	105	204790	43.77	ng	# 92
24) Nitrobenzene	9.310	77	186374	41.81	ng	# 80
25) Isophorone	9.839	82	332359	41.73	ng	# 92
26) 2-Nitrophenol	10.027	139	72554	42.83	ng	# 57
27) 2,4-Dimethylphenol	10.080	122	142209	53.79	ng	90
28) bis(2-Chloroethoxy)met...	10.321	93	170540	47.24	ng	97
29) 2,4-Dichlorophenol	10.562	162	147020	47.93	ng	95
30) 1,2,4-Trichlorobenzene	10.785	180	154573	41.69	ng	98
31) Naphthalene	10.979	128	392054	42.51	ng	100
32) Benzoic acid	10.203	122	118332	57.52	ng	# 84
33) 4-Chloroaniline	11.079	127	29306	7.43	ng	93
34) Hexachlorobutadiene	11.261	225	114030	38.79	ng	96
35) Caprolactam	11.854	113	60022m	54.81	ng	
36) 4-Chloro-3-methylphenol	12.195	107	176353	49.52	ng	84
37) 2-Methylnaphthalene	12.577	142	310335	44.08	ng	# 94
38) 1-Methylnaphthalene	12.794	142	295912	44.69	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.941	216	213964	40.94	ng	# 96
41) Hexachlorocyclopentadiene	12.924	237	284580	84.21	ng	98
43) 2,4,6-Trichlorophenol	13.176	196	156161	44.08	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.247	196	174641	44.79	ng	#	94
46) 1,1'-Biphenyl	13.582	154	440793	42.91	ng		98
47) 2-Chloronaphthalene	13.623	162	338533	40.87	ng		95
48) 2-Nitroaniline	13.823	65	140543	45.85	ng	#	73
49) Acenaphthylene	14.469	152	600282	44.76	ng		97
50) Dimethylphthalate	14.193	163	537826	46.17	ng		99
51) 2,6-Dinitrotoluene	14.316	165	113012	45.08	ng	#	74
52) Acenaphthene	14.810	154	463521m	51.42	ng		
53) 3-Nitroaniline	14.639	138	22600	9.41	ng	#	73
54) 2,4-Dinitrophenol	14.845	184	166975	109.12	ng	#	65
55) Dibenzofuran	15.145	168	559502	41.68	ng		93
56) 4-Nitrophenol	14.945	139	199216	92.74	ng	#	47
57) 2,4-Dinitrotoluene	15.098	165	160879	45.19	ng	#	68
58) Fluorene	15.797	166	488618	43.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.368	232	173726	45.15	ng	#	93
60) Diethylphthalate	15.556	149	501534	44.04	ng		97
61) 4-Chlorophenyl-phenyle...	15.785	204	280646	43.29	ng		98
62) 4-Nitroaniline	15.809	138	112622	42.83	ng	#	56
63) Azobenzene	16.079	77	520034	41.96	ng		89
65) 4,6-Dinitro-2-methylph...	15.861	198	105090	45.54	ng		80
66) n-Nitrosodiphenylamine	15.997	169	455393	42.89	ng		96
67) 4-Bromophenyl-phenylether	16.678	248	203175	44.02	ng		95
68) Hexachlorobenzene	16.796	284	210911	42.64	ng		96
69) Atrazine	16.942	200	206784	48.42	ng		96
70) Pentachlorophenol	17.136	266	297941	90.62	ng		98
71) Phenanthrene	17.542	178	841861	43.49	ng		98
72) Anthracene	17.630	178	867948	45.19	ng		98
73) Carbazole	17.894	167	778699	42.51	ng		98
74) Di-n-butylphthalate	18.452	149	888760	43.84	ng	#	97
75) Fluoranthene	19.545	202	1097892	42.59	ng		96
77) Benzidine	19.722	184	453943	40.25	ng		99
78) Pyrene	19.910	202	1092687	42.26	ng		99
80) Butylbenzylphthalate	20.791	149	397147	43.22	ng	#	86
81) Benzo(a)anthracene	21.772	228	1132846	43.39	ng		98
82) 3,3'-Dichlorobenzidine	21.678	252	96857	10.28	ng	#	92
83) Chrysene	21.837	228	1069299	42.72	ng		99
84) Bis(2-ethylhexyl)phtha...	21.666	149	558776	44.01	ng		95
85) Di-n-octyl phthalate	22.924	149	944170	44.41	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.952	276	1292161	44.16	ng	#	88
88) Benzo(b)fluoranthene	24.064	252	1146935	42.42	ng	#	97
89) Benzo(k)fluoranthene	24.134	252	1054271	41.33	ng	#	96
90) Benzo(a)pyrene	24.968	252	990677	40.19	ng	#	96
91) Dibenzo(a,h)anthracene	29.022	278	1086035	43.51	ng	#	94
92) Benzo(g,h,i)perylene	30.145	276	1058247	43.70	ng	#	93

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

