

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
 Data File : BG047935.D
 Acq On : 20 Jan 2021 12:36
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 1/22/2021 11:49:42 AM

Quant Time: Jan 20 13:44:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 13:11:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	41427	20.00	ng	# 0.00
21) Naphthalene-d8	10.972	136	153064	20.00	ng	# 0.00
39) Acenaphthene-d10	14.773	164	114298	20.00	ng	0.00
64) Phenanthrene-d10	17.517	188	291488	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	306302	20.00	ng	# 0.00
86) Perylene-d12	25.108	264	334567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	250574	104.63	ng	0.00
7) Phenol-d6	7.294	99	374560	107.00	ng	0.00
23) Nitrobenzene-d5	9.315	82	360769	86.69	ng	0.00
42) 2,4,6-Tribromophenol	16.260	330	172820	88.57	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	860472	97.42	ng	0.00
79) Terphenyl-d14	20.120	244	1651768	88.86	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.598	88	59903	58.22	ng	# 85
3) Pyridine	3.998	79	180689	68.05	ng	# 92
4) n-Nitrosodimethylamine	3.904	42	92468	44.01	ng	# 70
6) Aniline	7.470	93	225595	58.10	ng	89
8) 2-Chlorophenol	7.711	128	125810	51.54	ng	81
9) Benzaldehyde	7.282	77	109778	47.85	ng	# 81
10) Phenol	7.323	94	176963	55.76	ng	74
11) bis(2-Chloroethyl)ether	7.564	93	138779	61.36	ng	85
12) 1,3-Dichlorobenzene	8.046	146	165997	50.45	ng	# 92
13) 1,4-Dichlorobenzene	8.187	146	164339m	49.98	ng	
14) 1,2-Dichlorobenzene	8.510	146	155492	50.29	ng	93
15) Benzyl Alcohol	8.387	79	154679	49.88	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.675	45	244367	108.76	ng	98
17) 2-Methylphenol	8.581	107	119355	53.30	ng	# 85
18) Hexachloroethane	9.250	117	59417	46.09	ng	95
19) n-Nitroso-di-n-propyla...	8.962	70	131530	53.99	ng	90
20) 3+4-Methylphenols	8.910	107	163366	53.25	ng	91
22) Acetophenone	8.974	105	233604	53.33	ng	# 88
24) Nitrobenzene	9.362	77	186579	47.50	ng	# 82
25) Isophorone	9.885	82	334374	53.29	ng	95
26) 2-Nitrophenol	10.073	139	55463	35.69	ng	# 84
27) 2,4-Dimethylphenol	10.120	122	108614	48.56	ng	86
28) bis(2-Chloroethoxy)met...	10.367	93	202656	62.48	ng	95
29) 2,4-Dichlorophenol	10.602	162	137967	47.37	ng	94
30) 1,2,4-Trichlorobenzene	10.825	180	178768	47.84	ng	97
31) Naphthalene	11.019	128	443341	52.70	ng	99
32) Benzoic acid	10.243	122	69711	59.36	ng	# 90
33) 4-Chloroaniline	11.119	127	198565	55.55	ng	# 92
34) Hexachlorobutadiene	11.307	225	134567	40.83	ng	99
35) Caprolactam	11.883	113	49868	53.91	ng	# 82
36) 4-Chloro-3-methylphenol	12.223	107	157871	49.59	ng	91
37) 2-Methylnaphthalene	12.617	142	336960	51.63	ng	# 94
38) 1-Methylnaphthalene	12.828	142	313296	50.79	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.975	216	221173	47.15	ng	# 97
41) Hexachlorocyclopentadiene	12.958	237	102221	40.24	ng	99
43) 2,4,6-Trichlorophenol	13.204	196	134261	44.79	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.275	196	140054	47.23	ng	#	95
46) 1,1'-Biphenyl	13.610	154	434759	49.85	ng		99
47) 2-Chloronaphthalene	13.657	162	359006	50.62	ng		98
48) 2-Nitroaniline	13.851	65	116799	44.57	ng	#	78
49) Acenaphthylene	14.497	152	559789	53.18	ng		98
50) Dimethylphthalate	14.227	163	498718	50.62	ng		98
51) 2,6-Dinitrotoluene	14.338	165	94163	47.02	ng	#	58
52) Acenaphthene	14.838	154	365549	49.24	ng		97
53) 3-Nitroaniline	14.668	138	105030	52.92	ng	#	74
54) 2,4-Dinitrophenol	14.867	184	43893	34.21	ng	#	79
55) Dibenzofuran	15.173	168	555824	51.64	ng		94
56) 4-Nitrophenol	14.955	139	78652	54.97	ng	#	54
57) 2,4-Dinitrotoluene	15.126	165	137625	46.22	ng	#	71
58) Fluorene	15.819	166	469052	51.31	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.390	232	140416	46.35	ng		96
60) Diethylphthalate	15.590	149	494183	52.02	ng		97
61) 4-Chlorophenyl-phenyle...	15.813	204	279231	48.47	ng		99
62) 4-Nitroaniline	15.831	138	121432	55.62	ng	#	62
63) Azobenzene	16.107	77	477241	53.88	ng		90
65) 4,6-Dinitro-2-methylph...	15.884	198	58267	31.28	ng		95
66) n-Nitrosodiphenylamine	16.025	169	426517	51.14	ng		98
67) 4-Bromophenyl-phenylether	16.706	248	196021	50.05	ng		97
68) Hexachlorobenzene	16.824	284	213068	50.15	ng		97
69) Atrazine	16.965	200	151219	43.16	ng		94
70) Pentachlorophenol	17.159	266	112290	58.00	ng		98
71) Phenanthrene	17.564	178	810464	51.58	ng		96
72) Anthracene	17.652	178	787531	51.69	ng		97
73) Carbazole	17.911	167	713099	53.46	ng		98
74) Di-n-butylphthalate	18.475	149	837342	53.25	ng	#	97
75) Fluoranthene	19.562	202	1060500	50.34	ng		96
77) Benzidine	19.732	184	376705	45.73	ng		99
78) Pyrene	19.920	202	1051518	47.92	ng		98
80) Butylbenzylphthalate	20.807	149	337258	44.82	ng	#	87
81) Benzo(a)anthracene	21.783	228	1074343	48.83	ng		100
82) 3,3'-Dichlorobenzidine	21.689	252	377056	48.69	ng		98
83) Chrysene	21.847	228	1033426	49.73	ng		99
84) Bis(2-ethylhexyl)phtha...	21.695	149	499001	48.11	ng		97
85) Di-n-octyl phthalate	22.946	149	789452	44.89	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.904	276	1298573	51.12	ng	#	91
88) Benzo(b)fluoranthene	24.062	252	1141791	49.50	ng	#	96
89) Benzo(k)fluoranthene	24.133	252	1064527	47.60	ng	#	97
90) Benzo(a)pyrene	24.955	252	1057547	49.27	ng	#	98
91) Dibenzo(a,h)anthracene	28.968	278	1048667	50.95	ng	#	96
92) Benzo(g,h,i)perylene	30.079	276	1035955	51.47	ng	#	95

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

