

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
 Data File : BG049140.D
 Acq On : 30 Jun 2021 13:20
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:51:30 PM

Quant Time: Jun 30 14:00:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 13:31:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	38062	20.000	ng	# 0.00
21) Naphthalene-d8	10.917	136	142784	20.000	ng	# 0.00
39) Acenaphthene-d10	14.736	164	100841	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	228566	20.000	ng	# 0.00
76) Chrysene-d12	21.775	240	226683	20.000	ng	0.00
86) Perylene-d12	25.089	264	240844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	235112	96.157	ng	0.00
7) Phenol-d6	7.245	99	336433	91.804	ng	0.00
23) Nitrobenzene-d5	9.266	82	336807	101.714	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	180766	120.993	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	756507	105.978	ng	0.00
79) Terphenyl-d14	20.094	244	1298330	104.894	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.526	88	49712	41.646	ng	# 80
3) Pyridine	3.931	79	143024m	44.169	ng	
4) n-Nitrosodimethylamine	3.843	42	80176	51.704	ng	# 74
6) Aniline	7.415	93	205551	44.539	ng	# 91
8) 2-Chlorophenol	7.656	128	127497	47.309	ng	90
9) Benzaldehyde	7.221	77	82835	43.682	ng	# 85
10) Phenol	7.274	94	169309	44.720	ng	90
11) bis(2-Chloroethyl)ether	7.503	93	122284	43.532	ng	86
12) 1,3-Dichlorobenzene	7.979	146	141859	47.121	ng	98
13) 1,4-Dichlorobenzene	8.126	146	143331	47.754	ng	100
14) 1,2-Dichlorobenzene	8.449	146	137425	47.594	ng	94
15) Benzyl Alcohol	8.332	79	150443	44.825	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.614	45	200360	37.697	ng	86
17) 2-Methylphenol	8.532	107	113067	45.540	ng	95
18) Hexachloroethane	9.184	117	56935	47.284	ng	91
19) n-Nitroso-di-n-propyla...	8.902	70	116893	40.807	ng	97
20) 3+4-Methylphenols	8.866	107	157312	46.342	ng	95
22) Acetophenone	8.919	105	213607	49.172	ng	# 95
24) Nitrobenzene	9.307	77	184406	49.438	ng	94
25) Isophorone	9.830	82	328315	45.511	ng	97
26) 2-Nitrophenol	10.018	139	75378	59.576	ng	93
27) 2,4-Dimethylphenol	10.071	122	109721	47.829	ng	99
28) bis(2-Chloroethoxy)met...	10.312	93	155561	46.569	ng	99
29) 2,4-Dichlorophenol	10.559	162	135223	52.542	ng	89
30) 1,2,4-Trichlorobenzene	10.776	180	157257	53.295	ng	97
31) Naphthalene	10.964	128	418224	49.166	ng	98
32) Benzoic acid	10.235	122	88454	59.033	ng	# 78
33) 4-Chloroaniline	11.070	127	178483	49.417	ng	96
34) Hexachlorobutadiene	11.252	225	113828	54.126	ng	95
35) Caprolactam	11.863	113	43101	57.936	ng	# 59
36) 4-Chloro-3-methylphenol	12.186	107	156682	49.808	ng	# 94
37) 2-Methylnaphthalene	12.568	142	313721	48.828	ng	96
38) 1-Methylnaphthalene	12.785	142	297630	49.341	ng	96
40) 1,2,4,5-Tetrachloroben...	12.932	216	178623	55.783	ng	98
41) Hexachlorocyclopentadiene	12.915	237	114923	55.829	ng	93
43) 2,4,6-Trichlorophenol	13.167	196	126896	59.228	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	136921	61.804	ng	89
46) 1,1'-Biphenyl	13.573	154	385917	51.909	ng	98
47) 2-Chloronaphthalene	13.614	162	313033	52.726	ng	98
48) 2-Nitroaniline	13.814	65	118238	57.539	ng	96
49) Acenaphthylene	14.460	152	501992	50.741	ng	96
50) Dimethylphthalate	14.190	163	411486	52.385	ng	100
51) 2,6-Dinitrotoluene	14.307	165	97156	60.735	ng	91
52) Acenaphthene	14.807	154	308956	48.451	ng	96
53) 3-Nitroaniline	14.642	138	92991	57.418	ng	93
54) 2,4-Dinitrophenol	14.842	184	62826	84.787	ng	88
55) Dibenzofuran	15.136	168	502641	50.710	ng	98
56) 4-Nitrophenol	14.948	139	77558	58.740	ng	# 89
57) 2,4-Dinitrotoluene	15.094	165	137762	70.112	ng	94
58) Fluorene	15.788	166	411842	50.811	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.359	232	126569	56.441	ng	# 98
60) Diethylphthalate	15.547	149	435472	51.187	ng	96
61) 4-Chlorophenyl-phenyle...	15.776	204	229915	54.248	ng	98
62) 4-Nitroaniline	15.805	138	95667	58.409	ng	# 79
63) Azobenzene	16.070	77	430672	44.243	ng	91
65) 4,6-Dinitro-2-methylph...	15.858	198	88626	81.768	ng	94
66) n-Nitrosodiphenylamine	15.988	169	362903	50.948	ng	98
67) 4-Bromophenyl-phenylether	16.669	248	158346	55.483	ng	95
68) Hexachlorobenzene	16.792	284	171553	55.461	ng	99
69) Atrazine	16.933	200	116269	50.853	ng	98
70) Pentachlorophenol	17.133	266	105135	56.556	ng	96
71) Phenanthrene	17.533	178	664678	51.682	ng	96
72) Anthracene	17.621	178	656864	50.828	ng	98
73) Carbazole	17.891	167	633499	51.140	ng	99
74) Di-n-butylphthalate	18.443	149	732958	52.754	ng	98
75) Fluoranthene	19.536	202	829339	53.476	ng	99
77) Benzidine	19.713	184	222130	48.643	ng	99
78) Pyrene	19.901	202	827452	50.291	ng	97
80) Butylbenzylphthalate	20.776	149	320761	51.672	ng	98
81) Benzo(a)anthracene	21.757	228	829536	50.967	ng	99
82) 3,3'-Dichlorobenzidine	21.669	252	292497	56.198	ng	100
83) Chrysene	21.822	228	793072	50.821	ng	96
84) Bis(2-ethylhexyl)phtha...	21.651	149	442870	50.050	ng	97
85) Di-n-octyl phthalate	22.897	149	761367	50.734	ng	98
87) Indeno(1,2,3-cd)pyrene	28.896	276	968625	53.440	ng	# 95
88) Benzo(b)fluoranthene	24.037	252	887162	51.672	ng	# 94
89) Benzo(k)fluoranthene	24.107	252	816290	50.111	ng	# 98
90) Benzo(a)pyrene	24.936	252	805530	51.399	ng	97
91) Dibenzo(a,h)anthracene	28.955	278	815003	53.801	ng	# 96
92) Benzo(g,h,i)perylene	30.083	276	805622	52.740	ng	97

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

