

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
 Data File : BG049142.D
 Acq On : 30 Jun 2021 14:43
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:51:36 PM

Quant Time: Jun 30 15:21:38 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	8.090	152	35550	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	133604	20.000	ng	# 0.00
39) Acenaphthene-d10	14.741	164	96938	20.000	ng	0.00
64) Phenanthrene-d10	17.485	188	214978	20.000	ng	# 0.00
76) Chrysene-d12	21.780	240	205132	20.000	ng	0.00
86) Perylene-d12	25.088	264	219653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	372641	163.174	ng	0.00
7) Phenol-d6	7.256	99	536423	156.719	ng	0.00
23) Nitrobenzene-d5	9.271	82	546336	176.327	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	291422	202.912	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	1165284	169.815	ng	0.00
79) Terphenyl-d14	20.094	244	1886487	168.425	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.525	88	81183	72.817	ng	# 86
3) Pyridine	3.930	79	233172m	77.096	ng	
4) n-Nitrosodimethylamine	3.842	42	133835	92.406	ng	# 82
6) Aniline	7.420	93	318496	73.888	ng	# 95
8) 2-Chlorophenol	7.661	128	205308	81.564	ng	95
9) Benzaldehyde	7.226	77	123077m	69.490	ng	
10) Phenol	7.279	94	270290	76.438	ng	93
11) bis(2-Chloroethyl)ether	7.508	93	192344	73.311	ng	86
12) 1,3-Dichlorobenzene	7.984	146	226185	80.439	ng	97
13) 1,4-Dichlorobenzene	8.131	146	225925	80.590	ng	99
14) 1,2-Dichlorobenzene	8.454	146	214663	79.598	ng	93
15) Benzyl Alcohol	8.337	79	242672	77.413	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.619	45	318409	64.140	ng	85
17) 2-Methylphenol	8.537	107	180279	77.741	ng	97
18) Hexachloroethane	9.189	117	91264	81.150	ng	97
19) n-Nitroso-di-n-propyla...	8.913	70	190567	71.227	ng	# 95
20) 3+4-Methylphenols	8.871	107	250130	78.892	ng	97
22) Acetophenone	8.924	105	336263	82.727	ng	# 97
24) Nitrobenzene	9.312	77	293132	83.987	ng	94
25) Isophorone	9.841	82	520445	77.101	ng	96
26) 2-Nitrophenol	10.023	139	125158	105.716	ng	98
27) 2,4-Dimethylphenol	10.076	122	175027	81.540	ng	96
28) bis(2-Chloroethoxy)met...	10.311	93	244223	78.135	ng	95
29) 2,4-Dichlorophenol	10.558	162	214257	88.972	ng	94
30) 1,2,4-Trichlorobenzene	10.775	180	248109	89.863	ng	98
31) Naphthalene	10.969	128	659884	82.906	ng	98
32) Benzoic acid	10.276	122	143868	102.613	ng	# 76
33) 4-Chloroaniline	11.069	127	278373	82.370	ng	99
34) Hexachlorobutadiene	11.251	225	181122	92.043	ng	93
35) Caprolactam	11.886	113	67016m	96.271	ng	
36) 4-Chloro-3-methylphenol	12.197	107	248724	84.500	ng	# 96
37) 2-Methylnaphthalene	12.567	142	501568	83.428	ng	97
38) 1-Methylnaphthalene	12.790	142	468920	83.079	ng	94
40) 1,2,4,5-Tetrachloroben...	12.937	216	282895	91.904	ng	97
41) Hexachlorocyclopentadiene	12.914	237	186491	94.244	ng	92
43) 2,4,6-Trichlorophenol	13.172	196	202280	98.215	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	214720	100.823	ng	90
46) 1,1'-Biphenyl	13.572	154	598357	83.724	ng	98
47) 2-Chloronaphthalene	13.619	162	494321	86.614	ng	99
48) 2-Nitroaniline	13.819	65	187929	95.135	ng	98
49) Acenaphthylene	14.465	152	772064	81.182	ng	97
50) Dimethylphthalate	14.195	163	645800	85.525	ng	100
51) 2,6-Dinitrotoluene	14.312	165	152357	99.078	ng	91
52) Acenaphthene	14.806	154	483838	78.932	ng	92
53) 3-Nitroaniline	14.647	138	147354	94.648	ng	92
54) 2,4-Dinitrophenol	14.847	184	99201	139.268	ng	90
55) Dibenzofuran	15.135	168	778871	81.742	ng	98
56) 4-Nitrophenol	14.953	139	122880	96.813	ng	89
57) 2,4-Dinitrotoluene	15.099	165	222976	118.049	ng	93
58) Fluorene	15.787	166	645654	82.865	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.364	232	203069	94.200	ng	# 97
60) Diethylphthalate	15.552	149	686938	83.996	ng	97
61) 4-Chlorophenyl-phenyle...	15.775	204	363563	89.236	ng	98
62) 4-Nitroaniline	15.810	138	147265	93.532	ng	85
63) Azobenzene	16.069	77	672314	71.848	ng	90
65) 4,6-Dinitro-2-methylph...	15.863	198	144450	141.696	ng	93
66) n-Nitrosodiphenylamine	15.992	169	565370	84.389	ng	96
67) 4-Bromophenyl-phenylether	16.668	248	251199	93.581	ng	92
68) Hexachlorobenzene	16.792	284	271468	93.309	ng	99
69) Atrazine	16.938	200	159625	74.229	ng	99
70) Pentachlorophenol	17.138	266	172230	98.505	ng	98
71) Phenanthrene	17.532	178	1014667	83.882	ng	98
72) Anthracene	17.626	178	1002112	82.444	ng	99
73) Carbazole	17.890	167	957782	82.204	ng	96
74) Di-n-butylphthalate	18.443	149	1109052	84.868	ng	98
75) Fluoranthene	19.535	202	1245694	85.399	ng	96
77) Benzidine	19.712	184	333813	80.780	ng	97
78) Pyrene	19.900	202	1237445	83.112	ng	94
80) Butylbenzylphthalate	20.775	149	499340	88.890	ng	97
81) Benzo(a)anthracene	21.756	228	1253496	85.107	ng	97
82) 3,3'-Dichlorobenzidine	21.668	252	442850	94.024	ng	100
83) Chrysene	21.827	228	1194220	84.566	ng	94
84) Bis(2-ethylhexyl)phtha...	21.651	149	692430	86.475	ng	98
85) Di-n-octyl phthalate	22.896	149	1169641	86.127	ng	97
87) Indeno(1,2,3-cd)pyrene	28.901	276	1490912	90.190	ng	# 97
88) Benzo(b)fluoranthene	24.036	252	1334654	85.236	ng	# 93
89) Benzo(k)fluoranthene	24.112	252	1263707	85.061	ng	# 99
90) Benzo(a)pyrene	24.941	252	1237658	86.590	ng	# 96
91) Dibenzo(a,h)anthracene	28.971	278	1250388	90.505	ng	# 96
92) Benzo(g,h,i)perylene	30.094	276	1242436	89.183	ng	97

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

