

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
 Data File : BG049141.D
 Acq On : 30 Jun 2021 14:01
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:51:33 PM

Quant Time: Jun 30 14:44:55 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	8.092	152	35881	20.000	ng	# 0.00
21) Naphthalene-d8	10.913	136	143775	20.000	ng	# 0.00
39) Acenaphthene-d10	14.738	164	98995	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	226677	20.000	ng	# 0.00
76) Chrysene-d12	21.776	240	214990	20.000	ng	0.00
86) Perylene-d12	25.084	264	231674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	273131	118.496	ng	0.00
7) Phenol-d6	7.246	99	391172	113.229	ng	0.00
23) Nitrobenzene-d5	9.262	82	397154	119.111	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	211779	144.394	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	872343	124.484	ng	0.00
79) Terphenyl-d14	20.096	244	1462992	124.626	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.521	88	58906	52.348	ng	# 84
3) Pyridine	3.927	79	163373m	53.520	ng	
4) n-Nitrosodimethylamine	3.839	42	94498	64.644	ng	# 75
6) Aniline	7.417	93	236787	54.426	ng	95
8) 2-Chlorophenol	7.658	128	150341	59.176	ng	90
9) Benzaldehyde	7.223	77	96944	54.230	ng	# 81
10) Phenol	7.276	94	200982	56.313	ng	92
11) bis(2-Chloroethyl)ether	7.505	93	144740	54.658	ng	84
12) 1,3-Dichlorobenzene	7.981	146	165315	58.250	ng	96
13) 1,4-Dichlorobenzene	8.128	146	167437	59.176	ng	99
14) 1,2-Dichlorobenzene	8.451	146	158387	58.188	ng	92
15) Benzyl Alcohol	8.333	79	176239	55.702	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.621	45	233254	46.553	ng	85
17) 2-Methylphenol	8.533	107	130156	55.609	ng	96
18) Hexachloroethane	9.185	117	68105	59.999	ng	96
19) n-Nitroso-di-n-propyla...	8.903	70	139569	51.685	ng	96
20) 3+4-Methylphenols	8.868	107	185802	58.062	ng	96
22) Acetophenone	8.921	105	251942	57.597	ng	# 97
24) Nitrobenzene	9.303	77	218448	58.161	ng	98
25) Isophorone	9.832	82	380701	52.409	ng	96
26) 2-Nitrophenol	10.020	139	88437	69.415	ng	98
27) 2,4-Dimethylphenol	10.072	122	130553	56.518	ng	95
28) bis(2-Chloroethoxy)met...	10.307	93	180448	53.647	ng	93
29) 2,4-Dichlorophenol	10.554	162	158366	61.110	ng	95
30) 1,2,4-Trichlorobenzene	10.777	180	184594	62.129	ng	93
31) Naphthalene	10.965	128	490807	57.301	ng	97
32) Benzoic acid	10.243	122	105173	69.708	ng	# 78
33) 4-Chloroaniline	11.071	127	209936	57.725	ng	97
34) Hexachlorobutadiene	11.248	225	135424	63.951	ng	95
35) Caprolactam	11.864	113	49166	65.633	ng	# 55
36) 4-Chloro-3-methylphenol	12.188	107	181319	57.243	ng	93
37) 2-Methylnaphthalene	12.569	142	370989	57.343	ng	96
38) 1-Methylnaphthalene	12.787	142	347881	57.274	ng	93
40) 1,2,4,5-Tetrachloroben...	12.934	216	209700	66.710	ng	97
41) Hexachlorocyclopentadiene	12.910	237	135692	67.148	ng	95
43) 2,4,6-Trichlorophenol	13.169	196	148359	70.537	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	160589	73.839	ng	93
46) 1,1'-Biphenyl	13.568	154	444424	60.893	ng	97
47) 2-Chloronaphthalene	13.615	162	366270	62.844	ng	99
48) 2-Nitroaniline	13.815	65	138815	68.812	ng	97
49) Acenaphthylene	14.461	152	572240	58.920	ng	97
50) Dimethylphthalate	14.191	163	475741	61.695	ng	100
51) 2,6-Dinitrotoluene	14.309	165	110937	70.643	ng	93
52) Acenaphthene	14.802	154	362913	57.974	ng	96
53) 3-Nitroaniline	14.638	138	108124	68.007	ng	91
54) 2,4-Dinitrophenol	14.843	184	72422	99.560	ng	94
55) Dibenzofuran	15.137	168	576387	59.234	ng	98
56) 4-Nitrophenol	14.949	139	89004	68.666	ng	93
57) 2,4-Dinitrotoluene	15.096	165	159986	82.941	ng	93
58) Fluorene	15.783	166	475807	59.798	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.360	232	150226	68.239	ng	96
60) Diethylphthalate	15.548	149	500965	59.983	ng	98
61) 4-Chlorophenyl-phenyle...	15.772	204	265393	63.787	ng	99
62) 4-Nitroaniline	15.807	138	108362	67.394	ng	85
63) Azobenzene	16.071	77	503109	52.648	ng	90
65) 4,6-Dinitro-2-methylph...	15.860	198	102529	95.383	ng	94
66) n-Nitrosodiphenylamine	15.989	169	417889	59.156	ng	98
67) 4-Bromophenyl-phenylether	16.671	248	182688	64.546	ng	94
68) Hexachlorobenzene	16.794	284	201668	65.740	ng	94
69) Atrazine	16.935	200	127757	56.344	ng	97
70) Pentachlorophenol	17.135	266	126783	68.769	ng	98
71) Phenanthrene	17.528	178	759282	59.530	ng	98
72) Anthracene	17.622	178	745372	58.157	ng	97
73) Carbazole	17.887	167	714203	58.135	ng	97
74) Di-n-butylphthalate	18.439	149	826617	59.991	ng	99
75) Fluoranthene	19.538	202	938443	61.015	ng	99
77) Benzidine	19.714	184	272948	63.022	ng	95
78) Pyrene	19.896	202	941473	60.333	ng	95
80) Butylbenzylphthalate	20.778	149	371772	63.147	ng	95
81) Benzo(a)anthracene	21.753	228	946837	61.338	ng	98
82) 3,3'-Dichlorobenzidine	21.665	252	336481	68.164	ng	98
83) Chrysene	21.823	228	901319	60.899	ng	96
84) Bis(2-ethylhexyl)phtha...	21.653	149	515284	61.401	ng	97
85) Di-n-octyl phthalate	22.899	149	873126	61.345	ng	98
87) Indeno(1,2,3-cd)pyrene	28.886	276	1110456	63.690	ng	98
88) Benzo(b)fluoranthene	24.038	252	993316	60.145	ng	# 95
89) Benzo(k)fluoranthene	24.109	252	944495	60.276	ng	# 99
90) Benzo(a)pyrene	24.931	252	908717	60.278	ng	# 97
91) Dibenzo(a,h)anthracene	28.956	278	934407	64.125	ng	# 98
92) Benzo(g,h,i)perylene	30.072	276	917061	62.412	ng	99

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

