

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049153.D
 Acq On : 1 Jul 2021 14:37
 Operator : CG/JU
 Sample : M2895-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3MSD

Manual Integrations
 APPROVED

mohammad
 7/2/2021 12:01:30 PM

Quant Time: Jul 01 16:06:31 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 15:39:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	32825	20.000	ng	0.00
21) Naphthalene-d8	10.914	136	130697	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	95507	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	214610	20.000	ng	# 0.00
76) Chrysene-d12	21.772	240	219744	20.000	ng	0.00
86) Perylene-d12	25.080	264	239646	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	212909	101.592	ng	0.00
7) Phenol-d6	7.248	99	286834	95.998	ng	0.00
23) Nitrobenzene-d5	9.257	82	199733	64.792	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	167951	101.441	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	441978	62.435	ng	0.00
79) Terphenyl-d14	20.091	244	776192	59.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	33391	36.291	ng	# 78
3) Pyridine	3.916	79	81913	32.926	ng	90
4) n-Nitrosodimethylamine	3.834	42	64116	45.377	ng	# 76
6) Aniline	7.412	93	134764	37.046	ng	92
8) 2-Chlorophenol	7.653	128	108167	47.042	ng	93
9) Benzaldehyde	7.224	77	76427	48.630	ng	# 86
10) Phenol	7.271	94	142986	47.638	ng	91
11) bis(2-Chloroethyl)ether	7.500	93	96659	44.150	ng	# 82
12) 1,3-Dichlorobenzene	7.976	146	113834	44.263	ng	96
13) 1,4-Dichlorobenzene	8.123	146	115618	44.707	ng	97
14) 1,2-Dichlorobenzene	8.446	146	109514	43.986	ng	94
15) Benzyl Alcohol	8.329	79	120343	45.739	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.617	45	163769	44.064	ng	86
17) 2-Methylphenol	8.529	107	94925	46.933	ng	95
18) Hexachloroethane	9.181	117	46689	45.211	ng	99
19) n-Nitroso-di-n-propyla...	8.899	70	93460	43.524	ng	# 97
20) 3+4-Methylphenols	8.863	107	132359	47.204	ng	98
22) Acetophenone	8.916	105	175868	45.110	ng	# 98
24) Nitrobenzene	9.304	77	145626	43.599	ng	97
25) Isophorone	9.827	82	243551	41.131	ng	95
26) 2-Nitrophenol	10.015	139	61131	45.971	ng	94
27) 2,4-Dimethylphenol	10.074	122	101495	50.872	ng	100
28) bis(2-Chloroethoxy)met...	10.309	93	134420	48.141	ng	93
29) 2,4-Dichlorophenol	10.556	162	113707	47.524	ng	91
30) 1,2,4-Trichlorobenzene	10.773	180	124192	44.076	ng	96
31) Naphthalene	10.961	128	327112	42.987	ng	97
32) Benzoic acid	10.221	122	67030	42.436	ng	# 76
33) 4-Chloroaniline	11.067	127	74994	23.834	ng	97
34) Hexachlorobutadiene	11.249	225	89929	43.198	ng	97
35) Caprolactam	11.848	113	38529m	50.738	ng	
36) 4-Chloro-3-methylphenol	12.189	107	129907	47.186	ng	97
37) 2-Methylnaphthalene	12.565	142	249016	43.455	ng	95
38) 1-Methylnaphthalene	12.782	142	232863	42.909	ng	96
40) 1,2,4,5-Tetrachloroben...	12.929	216	148139	44.460	ng	98
41) Hexachlorocyclopentadiene	12.912	237	215836	109.359	ng	94
43) 2,4,6-Trichlorophenol	13.170	196	108812	47.293	ng	89

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44) 2,4,5-Trichlorophenol	13.241	196	117542	46.716	ng	91
46) 1,1'-Biphenyl	13.570	154	327019	45.834	ng	99
47) 2-Chloronaphthalene	13.611	162	257940	43.935	ng	99
48) 2-Nitroaniline	13.811	65	101954	47.625	ng	97
49) Acenaphthylene	14.457	152	418246	45.186	ng	95
50) Dimethylphthalate	14.187	163	415627	54.225	ng	99
51) 2,6-Dinitrotoluene	14.304	165	77849	44.305	ng	96
52) Acenaphthene	14.798	154	249120	43.184	ng	94
53) 3-Nitroaniline	14.633	138	48540	28.759	ng	88
54) 2,4-Dinitrophenol	14.839	184	104998	86.569	ng	94
55) Dibenzofuran	15.133	168	410884	43.752	ng	97
56) 4-Nitrophenol	14.945	139	130928	95.191	ng	91
57) 2,4-Dinitrotoluene	15.091	165	114284	45.788	ng	93
58) Fluorene	15.785	166	345639	44.500	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.356	232	112416	47.997	ng	96
60) Diethylphthalate	15.544	149	375384	46.219	ng	96
61) 4-Chlorophenyl-phenyle...	15.773	204	192204	44.708	ng	97
62) 4-Nitroaniline	15.802	138	79665	45.436	ng	# 87
63) Azobenzene	16.067	77	362096	44.222	ng	88
65) 4,6-Dinitro-2-methylph...	15.855	198	69903	45.598	ng	91
66) n-Nitrosodiphenylamine	15.985	169	306592	45.678	ng	96
67) 4-Bromophenyl-phenylether	16.666	248	133082	45.965	ng	96
68) Hexachlorobenzene	16.789	284	145919	45.588	ng	96
69) Atrazine	16.936	200	130715	58.642	ng	98
70) Pentachlorophenol	17.136	266	186611	100.159	ng	98
71) Phenanthrene	17.530	178	560456	45.351	ng	98
72) Anthracene	17.618	178	573654	46.564	ng	98
73) Carbazole	17.888	167	522722	44.503	ng	98
74) Di-n-butylphthalate	18.440	149	637653	47.217	ng	98
75) Fluoranthene	19.533	202	704474	45.534	ng	99
77) Benzidine	19.710	184	343023	72.674	ng	100
78) Pyrene	19.898	202	699173	42.838	ng	97
80) Butylbenzylphthalate	20.779	149	284385	45.991	ng	95
81) Benzo(a)anthracene	21.748	228	713915	43.557	ng	99
82) 3,3'-Dichlorobenzidine	21.660	252	178086	31.939	ng	96
83) Chrysene	21.819	228	689647	44.291	ng	97
84) Bis(2-ethylhexyl)phtha...	21.648	149	408122	46.729	ng	95
85) Di-n-octyl phthalate	22.894	149	704084	47.899	ng	98
87) Indeno(1,2,3-cd)pyrene	28.881	276	885967	46.332	ng	# 97
88) Benzo(b)fluoranthene	24.034	252	772036	44.643	ng	# 95
89) Benzo(k)fluoranthene	24.099	252	739214	44.806	ng	# 99
90) Benzo(a)pyrene	24.927	252	750361	47.036	ng	# 96
91) Dibenzo(a,h)anthracene	28.946	278	737980	45.723	ng	# 97
92) Benzo(g,h,i)perylene	30.068	276	736024	46.262	ng	98

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

