

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
 Data File : BG063959.D
 Acq On : 24 Jan 2025 16:17
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Quant Time: Jan 27 15:01:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:52:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	82020	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	353223	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	222884	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	495105	20.000	ng	0.00
76) Chrysene-d12	21.567	240	521374	20.000	ng	0.00
86) Perylene-d12	24.657	264	543114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	680783	114.527	ng	0.00
7) Phenol-d6	7.119	99	926420	115.390	ng	0.00
23) Nitrobenzene-d5	9.111	82	780532	131.615	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	290212	127.473	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	1807075	114.583	ng	0.00
79) Terphenyl-d14	19.933	244	2845278	109.059	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.476	88	150187	56.984	ng	98
3) Pyridine	3.858	79	418148m	57.899	ng	
4) n-Nitrosodimethylamine	3.776	42	233607	56.852	ng	100
6) Aniline	7.284	93	380346	57.163	ng	96
8) 2-Chlorophenol	7.519	128	355753	57.002	ng	95
9) Benzaldehyde	7.096	77	219878	46.451	ng	96
10) Phenol	7.143	94	486721	57.395	ng	98
11) bis(2-Chloroethyl)ether	7.384	93	373276	56.248	ng	96
12) 1,3-Dichlorobenzene	7.848	146	381596	56.637	ng	98
13) 1,4-Dichlorobenzene	7.995	146	391687	57.360	ng	98
14) 1,2-Dichlorobenzene	8.312	146	375979	56.662	ng	97
15) Benzyl Alcohol	8.188	79	347206	58.271	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.488	45	711625	58.020	ng	100
17) 2-Methylphenol	8.388	107	321978	58.317	ng	96
18) Hexachloroethane	9.040	117	138807	58.286	ng	97
19) n-Nitroso-di-n-propyla...	8.764	70	308492	57.007	ng	98
20) 3+4-Methylphenols	8.717	107	441215	58.610	ng	98
22) Acetophenone	8.770	105	585858	57.570	ng	# 96
24) Nitrobenzene	9.152	77	436360	65.196	ng	99
25) Isophorone	9.675	82	837688	58.306	ng	99
26) 2-Nitrophenol	9.857	139	125089	60.843	ng	91
27) 2,4-Dimethylphenol	9.916	122	248030	59.566	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	520139	59.183	ng	98
29) 2,4-Dichlorophenol	10.392	162	317291	60.444	ng	97
30) 1,2,4-Trichlorobenzene	10.609	180	375123	58.057	ng	98
31) Naphthalene	10.797	128	1184197	58.386	ng	98
32) Benzoic acid	10.080	122	249034m	71.058	ng	
33) 4-Chloroaniline	10.897	127	425625	59.241	ng	95
34) Hexachlorobutadiene	11.085	225	250340	59.504	ng	97
35) Caprolactam	11.678	113	121336m	59.611	ng	
36) 4-Chloro-3-methylphenol	12.019	107	404125	59.930	ng	98
37) 2-Methylnaphthalene	12.401	142	785392	57.587	ng	94
38) 1-Methylnaphthalene	12.619	142	793805	58.141	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	412720	59.516	ng	98
41) Hexachlorocyclopentadiene	12.754	237	97240	68.348	ng	96
43) 2,4,6-Trichlorophenol	13.000	196	266693	63.156	ng	98

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44) 2,4,5-Trichlorophenol	13.071	196	301090	61.860	ng	96
46) 1,1'-Biphenyl	13.412	154	1055845	58.464	ng	97
47) 2-Chloronaphthalene	13.447	162	819656	59.060	ng	99
48) 2-Nitroaniline	13.647	65	247701	60.082	ng	95
49) Acenaphthylene	14.293	152	1166646	58.313	ng	100
50) Dimethylphthalate	14.035	163	989256	58.652	ng	99
51) 2,6-Dinitrotoluene	14.146	165	193256	60.956	ng	98
52) Acenaphthene	14.640	154	811153	58.874	ng	99
53) 3-Nitroaniline	14.469	138	203145	61.291	ng	91
54) 2,4-Dinitrophenol	14.675	184	50974	61.611	ng	91
55) Dibenzofuran	14.975	168	1217623	57.805	ng	99
56) 4-Nitrophenol	14.769	139	170754	59.662	ng	94
57) 2,4-Dinitrotoluene	14.928	165	248566	61.550	ng	# 94
58) Fluorene	15.621	166	966608	56.517	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	266159	65.085	ng	100
60) Diethylphthalate	15.404	149	1051489	58.313	ng	97
61) 4-Chlorophenyl-phenyle...	15.615	204	474430	56.509	ng	99
62) 4-Nitroaniline	15.633	138	213372	60.347	ng	95
63) Azobenzene	15.909	77	1122627	57.887	ng	98
65) 4,6-Dinitro-2-methylph...	15.691	198	81796	59.654	ng	97
66) n-Nitrosodiphenylamine	15.832	169	846384	57.672	ng	98
67) 4-Bromophenyl-phenylether	16.508	248	303652	59.098	ng	94
68) Hexachlorobenzene	16.626	284	354677	58.310	ng	97
69) Atrazine	16.773	200	105563	49.775	ng	99
70) Pentachlorophenol	16.961	266	227886	63.972	ng	94
71) Phenanthrene	17.360	178	1555043	56.531	ng	99
72) Anthracene	17.448	178	1560125	57.823	ng	99
73) Carbazole	17.713	167	1512688	56.490	ng	98
74) Di-n-butylphthalate	18.294	149	1807066	57.345	ng	99
75) Fluoranthene	19.364	202	1917141	55.703	ng	98
77) Benzidine	19.546	184	473222	51.968	ng	98
78) Pyrene	19.728	202	1988127	56.992	ng	99
80) Butylbenzylphthalate	20.627	149	797609	61.963	ng	96
81) Benzo(a)anthracene	21.543	228	2068856	57.868	ng	98
82) 3,3'-Dichlorobenzidine	21.461	252	679998	58.932	ng	97
83) Chrysene	21.608	228	1986671	57.518	ng	99
84) Bis(2-ethylhexyl)phtha...	21.485	149	1234730	59.854	ng	97
85) Di-n-octyl phthalate	22.666	149	2093395	61.767	ng	100
87) Indeno(1,2,3-cd)pyrene	28.165	276	2279578	60.035	ng	98
88) Benzo(b)fluoranthene	23.682	252	2084571	59.532	ng	99
89) Benzo(k)fluoranthene	23.753	252	2016570	57.955	ng	99
90) Benzo(a)pyrene	24.510	252	1816575	59.119	ng	98
91) Dibenzo(a,h)anthracene	28.236	278	1902006	60.109	ng	98
92) Benzo(g,h,i)perylene	29.264	276	1905468	60.036	ng	97

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

BNA G

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