

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
 Data File : BG063956.D
 Acq On : 24 Jan 2025 14:24
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 27 14:58:46 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	7.959	152	69245	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	308112	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	193969	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	427228	20.000	ng	0.00
76) Chrysene-d12	21.560	240	504572	20.000	ng	0.00
86) Perylene-d12	24.651	264	507857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	203057	40.462	ng	0.00
7) Phenol-d6	7.107	99	276166	40.744	ng	-0.01
23) Nitrobenzene-d5	9.104	82	194372	37.574	ng	-0.01
42) 2,4,6-Tribromophenol	16.055	330	77859	39.297	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	557607	40.628	ng	0.00
79) Terphenyl-d14	19.933	244	1037512	41.092	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.470	88	47131	21.182	ng	97
3) Pyridine	3.857	79	123513	20.258	ng	91
4) n-Nitrosodimethylamine	3.769	42	70165	20.226	ng	91
6) Aniline	7.277	93	114551	20.392	ng	95
8) 2-Chlorophenol	7.518	128	104571	19.847	ng	98
9) Benzaldehyde	7.095	77	83662	20.935	ng	96
10) Phenol	7.136	94	144043	20.120	ng	97
11) bis(2-Chloroethyl)ether	7.377	93	111397	19.883	ng	99
12) 1,3-Dichlorobenzene	7.847	146	114175	20.072	ng	98
13) 1,4-Dichlorobenzene	7.988	146	118036	20.475	ng	98
14) 1,2-Dichlorobenzene	8.305	146	114392	20.420	ng	98
15) Benzyl Alcohol	8.182	79	100809	20.040	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.487	45	211270	20.403	ng	99
17) 2-Methylphenol	8.382	107	95571	20.503	ng	94
18) Hexachloroethane	9.040	117	41662	20.722	ng	95
19) n-Nitroso-di-n-propyla...	8.752	70	94795	20.749	ng	97
20) 3+4-Methylphenols	8.711	107	134190	21.114	ng	97
22) Acetophenone	8.769	105	181771	20.477	ng	98
24) Nitrobenzene	9.145	77	113744	19.482	ng	96
25) Isophorone	9.668	82	252590	20.155	ng	96
26) 2-Nitrophenol	9.856	139	26122	18.716	ng	96
27) 2,4-Dimethylphenol	9.915	122	72237	19.888	ng	94
28) bis(2-Chloroethoxy)met...	10.156	93	152653	19.912	ng	98
29) 2,4-Dichlorophenol	10.385	162	91930	20.077	ng	99
30) 1,2,4-Trichlorobenzene	10.608	180	111780	19.833	ng	94
31) Naphthalene	10.796	128	356881	20.172	ng	98
32) Benzoic acid	10.009	122	52624m	17.214	ng	
33) 4-Chloroaniline	10.896	127	124051	19.794	ng	96
34) Hexachlorobutadiene	11.090	225	72174	19.667	ng	96
35) Caprolactam	11.642	113	36088	20.325	ng	# 86
36) 4-Chloro-3-methylphenol	12.007	107	115109	19.569	ng	98
37) 2-Methylnaphthalene	12.400	142	240729	20.235	ng	96
38) 1-Methylnaphthalene	12.618	142	235665	19.788	ng	97
40) 1,2,4,5-Tetrachloroben...	12.765	216	119115	19.738	ng	99
41) Hexachlorocyclopentadiene	12.753	237	22749	18.374	ng	88
43) 2,4,6-Trichlorophenol	13.000	196	72457	19.717	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	82711	19.527	ng	97
46) 1,1'-Biphenyl	13.411	154	314914	20.037	ng	95
47) 2-Chloronaphthalene	13.446	162	240104	19.879	ng	96
48) 2-Nitroaniline	13.640	65	49353	17.537	ng	93
49) Acenaphthylene	14.292	152	349019	20.046	ng	99
50) Dimethylphthalate	14.028	163	291543	19.862	ng	# 98
51) 2,6-Dinitrotoluene	14.140	165	38798	17.678	ng	96
52) Acenaphthene	14.633	154	237908	19.842	ng	98
53) 3-Nitroaniline	14.463	138	45367	18.064	ng	# 98
54) 2,4-Dinitrophenol	14.668	184	9842	19.277	ng	88
55) Dibenzofuran	14.968	168	365562	19.941	ng	99
56) 4-Nitrophenol	14.762	139	38858	18.424	ng	98
57) 2,4-Dinitrotoluene	14.921	165	45065	17.212	ng	# 96
58) Fluorene	15.620	166	302542	20.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	71813	20.179	ng	99
60) Diethylphthalate	15.397	149	313326	19.967	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	148269	20.293	ng	99
62) 4-Nitroaniline	15.620	138	54100	18.539	ng	91
63) Azobenzene	15.908	77	341798	20.252	ng	99
65) 4,6-Dinitro-2-methylph...	15.685	198	16412	19.494	ng	95
66) n-Nitrosodiphenylamine	15.826	169	258895	20.444	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	88464	19.953	ng	91
68) Hexachlorobenzene	16.619	284	106392	20.270	ng	96
69) Atrazine	16.772	200	40499	22.130	ng	96
70) Pentachlorophenol	16.960	266	56165	18.271	ng	98
71) Phenanthrene	17.353	178	487252	20.528	ng	99
72) Anthracene	17.447	178	477777	20.521	ng	99
73) Carbazole	17.706	167	491367	21.265	ng	96
74) Di-n-butylphthalate	18.288	149	565249	20.787	ng	99
75) Fluoranthene	19.363	202	627007	21.112	ng	99
77) Benzidine	19.545	184	184897	20.981	ng	98
78) Pyrene	19.721	202	664695	19.689	ng	99
80) Butylbenzylphthalate	20.626	149	248302	19.932	ng	98
81) Benzo(a)anthracene	21.543	228	696665	20.135	ng	99
82) 3,3'-Dichlorobenzidine	21.460	252	224013	20.061	ng	97
83) Chrysene	21.607	228	679212	20.319	ng	99
84) Bis(2-ethylhexyl)phtha...	21.484	149	407722	20.423	ng	98
85) Di-n-octyl phthalate	22.665	149	647263	19.734	ng	99
87) Indeno(1,2,3-cd)pyrene	28.147	276	713295	20.090	ng	97
88) Benzo(b)fluoranthene	23.681	252	672461	20.538	ng	98
89) Benzo(k)fluoranthene	23.746	252	655030	20.132	ng	99
90) Benzo(a)pyrene	24.510	252	576941	20.080	ng	97
91) Dibenzo(a,h)anthracene	28.211	278	597390	20.190	ng	98
92) Benzo(g,h,i)perylene	29.228	276	591472	19.929	ng	99

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

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