

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010325\
 Data File : BG063922.D
 Acq On : 3 Jan 2025 12:25
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Quant Time: Jan 03 22:25:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 22:20:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	113095	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	449982	20.000	ng	0.00
39) Acenaphthene-d10	14.441	164	318306	20.000	ng	0.00
64) Phenanthrene-d10	17.196	188	758314	20.000	ng	0.00
76) Chrysene-d12	21.450	240	781606	20.000	ng	0.00
86) Perylene-d12	24.470	264	853569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	144756	20.251	ng	0.00
7) Phenol-d6	6.979	99	198192	19.474	ng	0.00
23) Nitrobenzene-d5	8.947	82	227104	19.842	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	75183	19.723	ng	0.00
45) 2-Fluorobiphenyl	13.054	172	457268	20.760	ng	0.00
79) Terphenyl-d14	19.823	244	851189	21.718	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.295	88	37366	10.043	ng	99
3) Pyridine	3.689	79	97089	9.858	ng	94
4) n-Nitrosodimethylamine	3.612	42	39532	10.326	ng	# 88
6) Aniline	7.120	93	89013	9.988	ng	96
8) 2-Chlorophenol	7.361	128	69827	10.126	ng	97
9) Benzaldehyde	6.932	77	72993	11.136	ng	96
10) Phenol	7.008	94	104373	9.787	ng	93
11) bis(2-Chloroethyl)ether	7.220	93	81704	9.722	ng	95
12) 1,3-Dichlorobenzene	7.684	146	85595	10.204	ng	95
13) 1,4-Dichlorobenzene	7.825	146	86939	10.302	ng	94
14) 1,2-Dichlorobenzene	8.142	146	82033	10.064	ng	98
15) Benzyl Alcohol	8.031	79	69331	9.435	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.324	45	122536	10.113	ng	97
17) 2-Methylphenol	8.248	107	67240	9.767	ng	98
18) Hexachloroethane	8.865	117	31733	9.978	ng	92
19) n-Nitroso-di-n-propyla...	8.595	70	74983	10.008	ng	95
20) 3+4-Methylphenols	8.577	107	91025	9.760	ng	90
22) Acetophenone	8.612	105	132056	9.833	ng	96
24) Nitrobenzene	8.994	77	120442	9.822	ng	95
25) Isophorone	9.511	82	193073	9.630	ng	100
26) 2-Nitrophenol	9.705	139	35102	9.105	ng	# 81
27) 2,4-Dimethylphenol	9.770	122	47187	9.569	ng	95
28) bis(2-Chloroethoxy)met...	9.993	93	117158	9.746	ng	97
29) 2,4-Dichlorophenol	10.246	162	69990	9.540	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	85789	9.597	ng	98
31) Naphthalene	10.634	128	247986	10.153	ng	98
32) Benzoic acid	9.952	122	26853m	7.623	ng	
33) 4-Chloroaniline	10.751	127	75978	9.584	ng	93
34) Hexachlorobutadiene	10.916	225	61127	9.995	ng	93
35) Caprolactam	11.497	113	24193	9.965	ng	93
36) 4-Chloro-3-methylphenol	11.891	107	80371	9.824	ng	96
37) 2-Methylnaphthalene	12.249	142	171067	10.052	ng	98
38) 1-Methylnaphthalene	12.467	142	168229	9.911	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.625	216	101900	9.614	ng	95
41) Hexachlorocyclopentadiene	12.602	237	4325	3.314	ng	# 71
43) 2,4,6-Trichlorophenol	12.872	196	59979	9.526	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	67185	9.539	ng	96
46) 1,1'-Biphenyl	13.266	154	230726	9.948	ng	99
47) 2-Chloronaphthalene	13.307	162	188187	9.879	ng	95
48) 2-Nitroaniline	13.518	65	56685	8.978	ng	94
49) Acenaphthylene	14.159	152	281861	10.013	ng	98
50) Dimethylphthalate	13.894	163	229207	9.950	ng	99
51) 2,6-Dinitrotoluene	14.018	165	46646	9.175	ng	92
52) Acenaphthene	14.505	154	178175	10.285	ng	97
53) 3-Nitroaniline	14.347	138	42957	9.104	ng	# 85
54) 2,4-Dinitrophenol	14.582	184	15220m	6.561	ng	
55) Dibenzofuran	14.840	168	306398	10.214	ng	95
56) 4-Nitrophenol	14.699	139	26461	7.755	ng	95
57) 2,4-Dinitrotoluene	14.817	165	68719	9.557	ng	# 99
58) Fluorene	15.493	166	237414	10.285	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	54108	8.868	ng	92
60) Diethylphthalate	15.263	149	232001	10.184	ng	97
61) 4-Chlorophenyl-phenyle...	15.487	204	131261	10.417	ng	97
62) 4-Nitroaniline	15.516	138	44201	9.004	ng	95
63) Azobenzene	15.775	77	290677	10.033	ng	97
65) 4,6-Dinitro-2-methylph...	15.587	198	30079	7.465	ng	90
66) n-Nitrosodiphenylamine	15.698	169	196465	9.926	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	83679	10.000	ng	96
68) Hexachlorobenzene	16.503	284	93528	9.832	ng	96
69) Atrazine	16.656	200	71356	11.210	ng	96
70) Pentachlorophenol	16.862	266	34209m	8.218	ng	
71) Phenanthrene	17.238	178	406898	10.327	ng	100
72) Anthracene	17.326	178	396187	10.304	ng	99
73) Carbazole	17.602	167	363776	10.267	ng	98
74) Di-n-butylphthalate	18.160	149	401586	10.191	ng	99
75) Fluoranthene	19.259	202	518200	10.399	ng	97
77) Benzidine	19.447	184	64586m	6.407	ng	
78) Pyrene	19.623	202	550085	10.303	ng	98
80) Butylbenzylphthalate	20.516	149	147858	9.062	ng	98
81) Benzo(a)anthracene	21.433	228	534866	10.258	ng	98
82) 3,3'-Dichlorobenzidine	21.356	252	149981	9.368	ng	100
83) Chrysene	21.497	228	523631	10.299	ng	96
84) Bis(2-ethylhexyl)phtha...	21.345	149	239209	9.558	ng	99
85) Di-n-octyl phthalate	22.478	149	412756	9.429	ng	99
87) Indeno(1,2,3-cd)pyrene	27.890	276	573643	9.720	ng	# 63
88) Benzo(b)fluoranthene	23.518	252	530707	9.929	ng	99
89) Benzo(k)fluoranthene	23.577	252	547708	10.213	ng	97
90) Benzo(a)pyrene	24.329	252	469928	9.938	ng	98
91) Dibenzo(a,h)anthracene	27.925	278	470402m	9.667	ng	
92) Benzo(g,h,i)perylene	28.942	276	488506	9.783	ng	98

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

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