

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010325\
 Data File : BG063928.D
 Acq On : 3 Jan 2025 16:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Quant Time: Jan 03 23:08:22 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 22:59:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	96086	20.000	ng	0.00
21) Naphthalene-d8	10.579	136	385348	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	280093	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	679581	20.000	ng	0.00
76) Chrysene-d12	21.449	240	684156	20.000	ng	0.00
86) Perylene-d12	24.469	264	742162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	121131	20.086	ng	0.00
7) Phenol-d6	6.983	99	176985	20.286	ng	0.00
23) Nitrobenzene-d5	8.946	82	192994	19.728	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	68636	20.321	ng	0.00
45) 2-Fluorobiphenyl	13.053	172	398681	20.621	ng	0.00
79) Terphenyl-d14	19.827	244	766905	22.257	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.288	88	32852	10.362	ng	94
3) Pyridine	3.687	79	84426m	9.887	ng	
4) n-Nitrosodimethylamine	3.605	42	33958	10.402	ng	# 88
6) Aniline	7.124	93	78413	10.347	ng	# 88
8) 2-Chlorophenol	7.365	128	61606	10.507	ng	91
9) Benzaldehyde	6.936	77	66351	11.910	ng	99
10) Phenol	7.007	94	91323	10.054	ng	97
11) bis(2-Chloroethyl)ether	7.218	93	71255	10.005	ng	95
12) 1,3-Dichlorobenzene	7.682	146	70594	9.989	ng	93
13) 1,4-Dichlorobenzene	7.829	146	70809	10.024	ng	94
14) 1,2-Dichlorobenzene	8.147	146	72192	10.385	ng	98
15) Benzyl Alcohol	8.035	79	59776	9.548	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.317	45	101317	9.883	ng	99
17) 2-Methylphenol	8.246	107	58966	10.001	ng	90
18) Hexachloroethane	8.869	117	29023	10.593	ng	99
19) n-Nitroso-di-n-propyla...	8.593	70	64640	10.145	ng	99
20) 3+4-Methylphenols	8.575	107	78475	9.895	ng	84
22) Acetophenone	8.611	105	115910	10.017	ng	# 97
24) Nitrobenzene	8.993	77	102584	9.766	ng	96
25) Isophorone	9.510	82	171793	9.964	ng	98
26) 2-Nitrophenol	9.704	139	32517	9.756	ng	92
27) 2,4-Dimethylphenol	9.774	122	41617	9.792	ng	95
28) bis(2-Chloroethoxy)met...	9.991	93	101148	9.838	ng	99
29) 2,4-Dichlorophenol	10.250	162	62752	9.882	ng	96
30) 1,2,4-Trichlorobenzene	10.450	180	78178	10.178	ng	98
31) Naphthalene	10.632	128	209819	10.044	ng	95
32) Benzoic acid	9.933	122	21392m	7.392	ng	
33) 4-Chloroaniline	10.749	127	66152	9.754	ng	97
34) Hexachlorobutadiene	10.914	225	54280	10.310	ng	98
35) Caprolactam	11.490	113	22612	10.783	ng	# 83
36) 4-Chloro-3-methylphenol	11.889	107	69672	9.884	ng	98
37) 2-Methylnaphthalene	12.248	142	151190	10.300	ng	95
38) 1-Methylnaphthalene	12.471	142	147835	10.127	ng	99
40) 1,2,4,5-Tetrachloroben...	12.624	216	95256	10.137	ng	99
41) Hexachlorocyclopentadiene	12.600	237	2237	12.647	ng	88
43) 2,4,6-Trichlorophenol	12.876	196	51119	9.235	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.953	196	58751	9.458	ng	93
46) 1,1'-Biphenyl	13.264	154	204242	9.991	ng	94
47) 2-Chloronaphthalene	13.305	162	168501	10.025	ng	98
48) 2-Nitroaniline	13.523	65	51707	9.195	ng	99
49) Acenaphthylene	14.157	152	252594	10.143	ng	97
50) Dimethylphthalate	13.893	163	209891	10.259	ng	99
51) 2,6-Dinitrotoluene	14.016	165	43960	9.646	ng	96
52) Acenaphthene	14.504	154	154468	10.145	ng	98
53) 3-Nitroaniline	14.351	138	37892	9.064	ng	96
54) 2,4-Dinitrophenol	14.580	184	10390m	11.638	ng	
55) Dibenzofuran	14.839	168	270964	10.253	ng	96
56) 4-Nitrophenol	14.698	139	21331	7.441	ng	94
57) 2,4-Dinitrotoluene	14.815	165	63467	9.921	ng	97
58) Fluorene	15.491	166	217160	10.575	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	53222m	9.707	ng	
60) Diethylphthalate	15.262	149	204122	10.123	ng	99
61) 4-Chlorophenyl-phenyle...	15.485	204	116371	10.452	ng	99
62) 4-Nitroaniline	15.520	138	39941	9.191	ng	96
63) Azobenzene	15.779	77	253053	9.920	ng	97
65) 4,6-Dinitro-2-methylph...	15.591	198	25552	7.212	ng	98
66) n-Nitrosodiphenylamine	15.702	169	177854	10.050	ng	97
67) 4-Bromophenyl-phenylether	16.384	248	75074	9.993	ng	91
68) Hexachlorobenzene	16.507	284	86750	10.114	ng	97
69) Atrazine	16.654	200	64343	11.341	ng	98
70) Pentachlorophenol	16.866	266	26865	7.503	ng	97
71) Phenanthrene	17.236	178	365593	10.342	ng	98
72) Anthracene	17.324	178	349700	10.163	ng	99
73) Carbazole	17.600	167	324441	10.209	ng	97
74) Di-n-butylphthalate	18.158	149	361308	10.204	ng	98
75) Fluoranthene	19.263	202	453809	10.174	ng	99
77) Benzidine	19.445	184	77667m	8.144	ng	
78) Pyrene	19.621	202	489757	10.436	ng	97
80) Butylbenzylphthalate	20.520	149	137627	9.505	ng	98
81) Benzo(a)anthracene	21.431	228	468153	10.230	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	136483	9.600	ng	94
83) Chrysene	21.496	228	449319	10.111	ng	98
84) Bis(2-ethylhexyl)phtha...	21.343	149	221126	9.988	ng	98
85) Di-n-octyl phthalate	22.477	149	369154	9.572	ng	99
87) Indeno(1,2,3-cd)pyrene	27.888	276	508252m	9.859	ng	
88) Benzo(b)fluoranthene	23.517	252	463269	9.986	ng	98
89) Benzo(k)fluoranthene	23.576	252	467626	10.045	ng	99
90) Benzo(a)pyrene	24.328	252	408756m	9.919	ng	
91) Dibenzo(a,h)anthracene	27.923	278	427241m	10.027	ng	
92) Benzo(g,h,i)perylene	28.946	276	426230	9.715	ng	97

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

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