

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010325\
 Data File : BG063929.D
 Acq On : 3 Jan 2025 17:26
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 03 23:10:30 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	98074	20.000	ng	# 0.00
21) Naphthalene-d8	10.579	136	383409	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	275943	20.000	ng	0.00
64) Phenanthrene-d10	17.194	188	664715	20.000	ng	0.00
76) Chrysene-d12	21.448	240	661044	20.000	ng	0.00
86) Perylene-d12	24.468	264	739709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	243644	39.582	ng	0.00
7) Phenol-d6	6.983	99	364057	40.882	ng	0.00
23) Nitrobenzene-d5	8.951	82	395962	40.681	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	137224	41.239	ng	0.00
45) 2-Fluorobiphenyl	13.052	172	803193	42.168	ng	0.00
79) Terphenyl-d14	19.827	244	1486223	44.641	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	64737	20.005	ng	97
3) Pyridine	3.681	79	172177	19.755	ng	98
4) n-Nitrosodimethylamine	3.605	42	69287	20.793	ng	# 96
6) Aniline	7.118	93	158130	20.443	ng	92
8) 2-Chlorophenol	7.365	128	122180	20.415	ng	96
9) Benzaldehyde	6.936	77	124571	21.906	ng	94
10) Phenol	7.006	94	187229	20.194	ng	92
11) bis(2-Chloroethyl)ether	7.218	93	146986	20.221	ng	97
12) 1,3-Dichlorobenzene	7.682	146	146919	20.367	ng	98
13) 1,4-Dichlorobenzene	7.829	146	146704	20.347	ng	98
14) 1,2-Dichlorobenzene	8.140	146	143961	20.289	ng	93
15) Benzyl Alcohol	8.035	79	128442	20.101	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.317	45	216435	20.684	ng	98
17) 2-Methylphenol	8.246	107	122882	20.418	ng	93
18) Hexachloroethane	8.863	117	57029	20.393	ng	96
19) n-Nitroso-di-n-propyla...	8.593	70	132621	20.393	ng	95
20) 3+4-Methylphenols	8.575	107	163813	20.236	ng	94
22) Acetophenone	8.610	105	235957	20.495	ng	# 97
24) Nitrobenzene	8.992	77	210425	20.135	ng	96
25) Isophorone	9.509	82	349289	20.362	ng	99
26) 2-Nitrophenol	9.703	139	64272	19.381	ng	# 92
27) 2,4-Dimethylphenol	9.768	122	85499	20.219	ng	86
28) bis(2-Chloroethoxy)met...	9.991	93	206511	20.187	ng	99
29) 2,4-Dichlorophenol	10.244	162	129747	20.535	ng	95
30) 1,2,4-Trichlorobenzene	10.449	180	155002	20.283	ng	99
31) Naphthalene	10.632	128	429478	20.662	ng	99
32) Benzoic acid	9.921	122	44788m	15.554	ng	
33) 4-Chloroaniline	10.749	127	138143	20.472	ng	96
34) Hexachlorobutadiene	10.919	225	106643	20.358	ng	97
35) Caprolactam	11.507	113	42001	20.131	ng	# 76
36) 4-Chloro-3-methylphenol	11.889	107	143822	20.506	ng	98
37) 2-Methylnaphthalene	12.247	142	301740	20.661	ng	99
38) 1-Methylnaphthalene	12.471	142	299714	20.634	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.623	216	183476	19.818	ng	99
41) Hexachlorocyclopentadiene	12.600	237	12672	18.396	ng	98
43) 2,4,6-Trichlorophenol	12.870	196	111915	20.523	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.952	196	120991	19.770	ng	97
46) 1,1'-Biphenyl	13.264	154	415568	20.634	ng	97
47) 2-Chloronaphthalene	13.305	162	337475	20.381	ng	97
48) 2-Nitroaniline	13.516	65	114735	20.709	ng	94
49) Acenaphthylene	14.157	152	510349	20.802	ng	99
50) Dimethylphthalate	13.892	163	420868	20.881	ng	100
51) 2,6-Dinitrotoluene	14.016	165	93656	20.860	ng	98
52) Acenaphthene	14.504	154	309231	20.615	ng	98
53) 3-Nitroaniline	14.351	138	85685	20.804	ng	86
54) 2,4-Dinitrophenol	14.574	184	27529	18.029	ng	# 78
55) Dibenzofuran	14.838	168	542940	20.853	ng	97
56) 4-Nitrophenol	14.692	139	57083	20.212	ng	88
57) 2,4-Dinitrotoluene	14.815	165	128913	20.455	ng	97
58) Fluorene	15.491	166	432337	21.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.079	232	110604	20.475	ng	98
60) Diethylphthalate	15.261	149	418573	21.070	ng	98
61) 4-Chlorophenyl-phenyle...	15.485	204	227793	20.768	ng	99
62) 4-Nitroaniline	15.520	138	87368	20.407	ng	92
63) Azobenzene	15.778	77	523685	20.838	ng	98
65) 4,6-Dinitro-2-methylph...	15.590	198	62328	17.985	ng	96
66) n-Nitrosodiphenylamine	15.702	169	350911	20.272	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	150634	20.498	ng	95
68) Hexachlorobenzene	16.507	284	169618	20.219	ng	96
69) Atrazine	16.654	200	111751	20.138	ng	99
70) Pentachlorophenol	16.860	266	64751	18.489	ng	92
71) Phenanthrene	17.236	178	713674	20.640	ng	98
72) Anthracene	17.330	178	700147	20.802	ng	100
73) Carbazole	17.600	167	642161	20.659	ng	100
74) Di-n-butylphthalate	18.158	149	721358	20.828	ng	99
75) Fluoranthene	19.263	202	920071	21.087	ng	99
77) Benzidine	19.445	184	175889m	19.089	ng	
78) Pyrene	19.621	202	961479	21.204	ng	99
80) Butylbenzylphthalate	20.520	149	291099	20.808	ng	94
81) Benzo(a)anthracene	21.431	228	936669	21.183	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	290655	21.160	ng	97
83) Chrysene	21.495	228	911858	21.237	ng	98
84) Bis(2-ethylhexyl)phtha...	21.343	149	449970	21.035	ng	100
85) Di-n-octyl phthalate	22.477	149	782841	21.008	ng	100
87) Indeno(1,2,3-cd)pyrene	27.894	276	1045535	20.349	ng	# 86
88) Benzo(b)fluoranthene	23.516	252	939947	20.327	ng	99
89) Benzo(k)fluoranthene	23.581	252	964626	20.789	ng	97
90) Benzo(a)pyrene	24.327	252	833553	20.295	ng	99
91) Dibenzo(a,h)anthracene	27.929	278	857486m	20.192	ng	
92) Benzo(g,h,i)perylene	28.945	276	873432	19.975	ng	97

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

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