

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040725\
 Data File : BG064200.D
 Acq On : 7 Apr 2025 11:39
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 07 16:03:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 07 15:51:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	31331	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	146340	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	103216	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	228245	20.000	ng	0.00
76) Chrysene-d12	21.458	240	234736	20.000	ng	0.00
86) Perylene-d12	24.466	264	257230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	153789	78.944	ng	0.00
7) Phenol-d6	7.022	99	221956	80.465	ng	0.00
23) Nitrobenzene-d5	9.013	82	238934	81.480	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	113014	81.548	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	578030	81.437	ng	0.00
79) Terphenyl-d14	19.842	244	960090	81.595	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.367	88	29617	38.358	ng	100
3) Pyridine	3.755	79	80182m	39.263	ng	
4) n-Nitrosodimethylamine	3.673	42	61902	38.946	ng	100
6) Aniline	7.186	93	103564	40.667	ng	100
8) 2-Chlorophenol	7.421	128	88085	40.491	ng	100
9) Benzaldehyde	6.998	77	57393m	36.269	ng	
10) Phenol	7.051	94	110344	40.358	ng	100
11) bis(2-Chloroethyl)ether	7.280	93	84877	40.103	ng	100
12) 1,3-Dichlorobenzene	7.750	146	95047	40.254	ng	100
13) 1,4-Dichlorobenzene	7.891	146	93418	39.264	ng	100
14) 1,2-Dichlorobenzene	8.208	146	94120	39.910	ng	100
15) Benzyl Alcohol	8.091	79	95137	39.644	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.385	45	187314	39.643	ng	100
17) 2-Methylphenol	8.297	107	78483	39.892	ng	100
18) Hexachloroethane	8.937	117	37432	40.289	ng	100
19) n-Nitroso-di-n-propyla...	8.661	70	81962	39.680	ng	100
20) 3+4-Methylphenols	8.626	107	111699	40.252	ng	100
22) Acetophenone	8.673	105	159058	39.746	ng	100
24) Nitrobenzene	9.055	77	119136	40.785	ng	100
25) Isophorone	9.572	82	216554	40.285	ng	100
26) 2-Nitrophenol	9.760	139	51008	41.704	ng	100
27) 2,4-Dimethylphenol	9.818	122	66611	40.032	ng	100
28) bis(2-Chloroethoxy)met...	10.059	93	125265	40.357	ng	100
29) 2,4-Dichlorophenol	10.294	162	87790	40.107	ng	100
30) 1,2,4-Trichlorobenzene	10.512	180	98170	40.676	ng	100
31) Naphthalene	10.694	128	316923	39.720	ng	100
32) Benzoic acid	9.959	122	71706m	41.298	ng	
33) 4-Chloroaniline	10.800	127	118102	40.910	ng	100
34) Hexachlorobutadiene	10.988	225	67586	40.108	ng	100
35) Caprolactam	11.563	113	34436	41.498	ng	100
36) 4-Chloro-3-methylphenol	11.928	107	118583	40.442	ng	100
37) 2-Methylnaphthalene	12.304	142	230959	39.791	ng	100
38) 1-Methylnaphthalene	12.521	142	229465	39.914	ng	100
40) 1,2,4,5-Tetrachloroben...	12.674	216	124340	40.662	ng	100
41) Hexachlorocyclopentadiene	12.656	237	47984	43.649	ng	100
43) 2,4,6-Trichlorophenol	12.909	196	80607	41.327	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	90455	41.341	ng	100
46) 1,1'-Biphenyl	13.314	154	324165	40.412	ng	100
47) 2-Chloronaphthalene	13.355	162	233514	40.398	ng	100
48) 2-Nitroaniline	13.555	65	87109	41.143	ng	100
49) Acenaphthylene	14.201	152	370571	40.823	ng	100
50) Dimethylphthalate	13.943	163	322384	40.729	ng	100
51) 2,6-Dinitrotoluene	14.055	165	67859	41.960	ng	100
52) Acenaphthene	14.548	154	242708m	39.917	ng	
53) 3-Nitroaniline	14.384	138	68858	43.510	ng	100
54) 2,4-Dinitrophenol	14.589	184	37157	38.342	ng	100
55) Dibenzofuran	14.883	168	395654	40.532	ng	100
56) 4-Nitrophenol	14.689	139	56595	44.243	ng	100
57) 2,4-Dinitrotoluene	14.842	165	97286	42.338	ng	100
58) Fluorene	15.529	166	310254	40.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	87595	41.377	ng	100
60) Diethylphthalate	15.306	149	346753	41.028	ng	100
61) 4-Chlorophenyl-phenyle...	15.523	204	156093	40.225	ng	100
62) 4-Nitroaniline	15.547	138	69546	43.177	ng	100
63) Azobenzene	15.817	77	341504	41.207	ng	100
65) 4,6-Dinitro-2-methylph...	15.606	198	56576	42.225	ng	100
66) n-Nitrosodiphenylamine	15.741	169	272569	40.891	ng	100
67) 4-Bromophenyl-phenylether	16.416	248	104261	40.747	ng	100
68) Hexachlorobenzene	16.534	284	110508	39.912	ng	100
69) Atrazine	16.687	200	58314	29.030	ng	100
70) Pentachlorophenol	16.875	266	76679	44.247	ng	100
71) Phenanthrene	17.263	178	497253	40.372	ng	100
72) Anthracene	17.357	178	502651	41.027	ng	100
73) Carbazole	17.621	167	459859	41.064	ng	100
74) Di-n-butylphthalate	18.191	149	575005	40.945	ng	100
75) Fluoranthene	19.272	202	598150	40.559	ng	100
77) Benzidine	19.460	184	169615	55.187	ng	100
78) Pyrene	19.636	202	617168	40.908	ng	100
80) Butylbenzylphthalate	20.535	149	257574	41.988	ng	100
81) Benzo(a)anthracene	21.434	228	620914	40.895	ng	100
82) 3,3'-Dichlorobenzidine	21.358	252	215402	42.080	ng	100
83) Chrysene	21.499	228	599331	40.240	ng	100
84) Bis(2-ethylhexyl)phtha...	21.364	149	378416	41.299	ng	100
85) Di-n-octyl phthalate	22.509	149	650948	40.967	ng	100
87) Indeno(1,2,3-cd)pyrene	27.862	276	719263	40.395	ng	100
88) Benzo(b)fluoranthene	23.520	252	646340	40.805	ng	100
89) Benzo(k)fluoranthene	23.579	252	612307	39.545	ng	100
90) Benzo(a)pyrene	24.325	252	555840	40.180	ng	100
91) Dibenzo(a,h)anthracene	27.915	278	596719	40.660	ng	100
92) Benzo(g,h,i)perylene	28.925	276	599044	40.331	ng	100

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

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