

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040725\
 Data File : BG064199.D
 Acq On : 7 Apr 2025 10:59
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Quant Time: Apr 07 16:02:11 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	7.858	152	31821	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	152701	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	108248	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	232537	20.000	ng	0.00
76) Chrysene-d12	21.454	240	240658	20.000	ng	0.00
86) Perylene-d12	24.462	264	253090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	83021	41.961	ng	0.00
7) Phenol-d6	7.024	99	116646	41.636	ng	0.00
23) Nitrobenzene-d5	9.010	82	123007	40.200	ng	0.00
42) 2,4,6-Tribromophenol	15.966	330	58290	40.105	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	308758	41.478	ng	0.00
79) Terphenyl-d14	19.838	244	506214	41.963	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	16619	21.193	ng	94
3) Pyridine	3.757	79	42979	20.721	ng	90
4) n-Nitrosodimethylamine	3.675	42	31638	19.599	ng	# 98
6) Aniline	7.182	93	58759	22.718	ng	91
8) 2-Chlorophenol	7.423	128	46323	20.966	ng	95
9) Benzaldehyde	6.994	77	35216m	21.912	ng	
10) Phenol	7.047	94	56801	20.455	ng	94
11) bis(2-Chloroethyl)ether	7.282	93	44681	20.786	ng	95
12) 1,3-Dichlorobenzene	7.752	146	50404	21.018	ng	92
13) 1,4-Dichlorobenzene	7.893	146	50204	20.776	ng	95
14) 1,2-Dichlorobenzene	8.211	146	52468	21.905	ng	96
15) Benzyl Alcohol	8.087	79	51847	21.272	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.387	45	99065	20.643	ng	97
17) 2-Methylphenol	8.299	107	40247	20.142	ng	93
18) Hexachloroethane	8.939	117	19622	20.795	ng	97
19) n-Nitroso-di-n-propyla...	8.657	70	43590	20.778	ng	# 96
20) 3+4-Methylphenols	8.616	107	59780	21.211	ng	94
22) Acetophenone	8.669	105	86916	20.814	ng	# 98
24) Nitrobenzene	9.051	77	64017	21.003	ng	95
25) Isophorone	9.574	82	115760	20.638	ng	98
26) 2-Nitrophenol	9.756	139	25817	20.229	ng	90
27) 2,4-Dimethylphenol	9.821	122	36104	20.794	ng	96
28) bis(2-Chloroethoxy)met...	10.056	93	67242	20.761	ng	95
29) 2,4-Dichlorophenol	10.291	162	46897	20.532	ng	92
30) 1,2,4-Trichlorobenzene	10.514	180	49307	19.579	ng	94
31) Naphthalene	10.696	128	168624	20.253	ng	98
32) Benzoic acid	9.926	122	31153m	17.195	ng	
33) 4-Chloroaniline	10.802	127	63263	21.001	ng	# 96
34) Hexachlorobutadiene	10.984	225	36904	20.988	ng	93
35) Caprolactam	11.554	113	17478	20.185	ng	# 84
36) 4-Chloro-3-methylphenol	11.924	107	61395	20.066	ng	96
37) 2-Methylnaphthalene	12.306	142	124642	20.580	ng	97
38) 1-Methylnaphthalene	12.523	142	124138	20.693	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.670	216	65595	20.454	ng	99
41) Hexachlorocyclopentadiene	12.658	237	23761	20.610	ng	95
43) 2,4,6-Trichlorophenol	12.911	196	40416	19.758	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	46002	20.047	ng	97
46) 1,1'-Biphenyl	13.316	154	170579	20.277	ng	96
47) 2-Chloronaphthalene	13.358	162	122877	20.269	ng	95
48) 2-Nitroaniline	13.551	65	44055	19.841	ng	90
49) Acenaphthylene	14.204	152	192428	20.213	ng	97
50) Dimethylphthalate	13.939	163	164282	19.790	ng	96
51) 2,6-Dinitrotoluene	14.051	165	34444	20.308	ng	88
52) Acenaphthene	14.544	154	128508	20.153	ng	96
53) 3-Nitroaniline	14.380	138	33585	20.235	ng	97
54) 2,4-Dinitrophenol	14.580	184	16704	19.893	ng	96
55) Dibenzofuran	14.879	168	206129	20.135	ng	98
56) 4-Nitrophenol	14.685	139	26816	19.989	ng	92
57) 2,4-Dinitrotoluene	14.838	165	47877	19.867	ng	# 91
58) Fluorene	15.526	166	161066	19.838	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.103	232	44947	20.244	ng	# 100
60) Diethylphthalate	15.302	149	175579	19.809	ng	97
61) 4-Chlorophenyl-phenyle...	15.526	204	81181	19.948	ng	91
62) 4-Nitroaniline	15.537	138	33146	19.622	ng	99
63) Azobenzene	15.814	77	172934	19.897	ng	97
65) 4,6-Dinitro-2-methylph...	15.602	198	26862	19.678	ng	99
66) n-Nitrosodiphenylamine	15.737	169	139128	20.487	ng	99
67) 4-Bromophenyl-phenylether	16.419	248	52013	19.952	ng	96
68) Hexachlorobenzene	16.530	284	57363	20.335	ng	97
69) Atrazine	16.683	200	38965	19.039	ng	96
70) Pentachlorophenol	16.871	266	36693	20.783	ng	97
71) Phenanthrene	17.265	178	258934	20.635	ng	99
72) Anthracene	17.353	178	257379	20.620	ng	99
73) Carbazole	17.623	167	233058	20.427	ng	99
74) Di-n-butylphthalate	18.193	149	292622	20.453	ng	99
75) Fluoranthene	19.274	202	311588	20.738	ng	97
77) Benzidine	19.456	184	34349m	10.901	ng	
78) Pyrene	19.633	202	314986	20.365	ng	98
80) Butylbenzylphthalate	20.537	149	127904	20.337	ng	97
81) Benzo(a)anthracene	21.436	228	317974	20.427	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	107210	20.429	ng	99
83) Chrysene	21.495	228	304658	19.952	ng	99
84) Bis(2-ethylhexyl)phtha...	21.366	149	195209	20.780	ng	100
85) Di-n-octyl phthalate	22.512	149	329412	20.221	ng	99
87) Indeno(1,2,3-cd)pyrene	27.846	276	356105	20.327	ng	# 93
88) Benzo(b)fluoranthene	23.516	252	322517	20.694	ng	98
89) Benzo(k)fluoranthene	23.575	252	310676	20.393	ng	97
90) Benzo(a)pyrene	24.321	252	280708	20.624	ng	100
91) Dibenzo(a,h)anthracene	27.911	278	294422	20.390	ng	96
92) Benzo(g,h,i)perylene	28.910	276	303159	20.744	ng	98

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

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