

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064009.D
 Acq On : 6 Feb 2025 9:42
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 06 10:18:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	54931	20.000	ng	0.00
21) Naphthalene-d8	10.661	136	232990	20.000	ng	0.00
39) Acenaphthene-d10	14.497	164	150093	20.000	ng	0.00
64) Phenanthrene-d10	17.235	188	351726	20.000	ng	0.00
76) Chrysene-d12	21.477	240	406871	20.000	ng	0.00
86) Perylene-d12	24.503	264	428524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.455	112	273257	79.758	ng	0.00
7) Phenol-d6	7.035	99	379034	80.617	ng	0.00
23) Nitrobenzene-d5	9.021	82	346200	90.306	ng	0.00
42) 2,4,6-Tribromophenol	15.984	330	132693	82.816	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	816135	83.311	ng	0.00
79) Terphenyl-d14	19.862	244	1535715	78.828	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	64965	39.927	ng	95
3) Pyridine	3.775	79	171718	39.083	ng	95
4) n-Nitrosodimethylamine	3.686	42	103285	40.883	ng	95
6) Aniline	7.200	93	193770	38.458	ng	98
8) 2-Chlorophenol	7.435	128	140599	40.273	ng	99
9) Benzaldehyde	7.012	77	98087	38.215	ng	98
10) Phenol	7.059	94	194060	39.210	ng	98
11) bis(2-Chloroethyl)ether	7.294	93	155204	38.944	ng	97
12) 1,3-Dichlorobenzene	7.764	146	156065	37.568	ng	96
13) 1,4-Dichlorobenzene	7.905	146	161258	38.436	ng	96
14) 1,2-Dichlorobenzene	8.222	146	158118	39.321	ng	94
15) Benzyl Alcohol	8.105	79	138552	39.425	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.399	45	324642	40.453	ng	98
17) 2-Methylphenol	8.305	107	126370	39.480	ng	96
18) Hexachloroethane	8.951	117	58614	42.451	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	127662	39.209	ng	# 94
20) 3+4-Methylphenols	8.634	107	171495	40.215	ng	98
22) Acetophenone	8.687	105	249592	38.989	ng	99
24) Nitrobenzene	9.063	77	175495	40.272	ng	97
25) Isophorone	9.585	82	320847	38.607	ng	99
26) 2-Nitrophenol	9.773	139	41358	43.407	ng	97
27) 2,4-Dimethylphenol	9.832	122	96463	40.351	ng	96
28) bis(2-Chloroethoxy)met...	10.073	93	204977	38.762	ng	99
29) 2,4-Dichlorophenol	10.302	162	124708	38.151	ng	96
30) 1,2,4-Trichlorobenzene	10.526	180	152504	38.830	ng	98
31) Naphthalene	10.708	128	492910	39.460	ng	100
32) Benzoic acid	9.961	122	55087m	39.309	ng	
33) 4-Chloroaniline	10.813	127	184295	38.507	ng	99
34) Hexachlorobutadiene	11.007	225	100032	39.995	ng	98
35) Caprolactam	11.577	113	45203	38.194	ng	# 85
36) 4-Chloro-3-methylphenol	11.936	107	158091	41.315	ng	97
37) 2-Methylnaphthalene	12.318	142	351994	40.437	ng	98
38) 1-Methylnaphthalene	12.541	142	342215	39.732	ng	97
40) 1,2,4,5-Tetrachloroben...	12.688	216	186529	42.143	ng	99
41) Hexachlorocyclopentadiene	12.676	237	53400	47.669	ng	98
43) 2,4,6-Trichlorophenol	12.923	196	102225	40.177	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	117184	40.697	ng	99
46) 1,1'-Biphenyl	13.334	154	468331	40.982	ng	99
47) 2-Chloronaphthalene	13.369	162	337102	40.472	ng	96
48) 2-Nitroaniline	13.563	65	97687	44.376	ng	96
49) Acenaphthylene	14.215	152	525947	40.653	ng	99
50) Dimethylphthalate	13.957	163	418691	42.072	ng	99
51) 2,6-Dinitrotoluene	14.068	165	82211	44.276	ng	92
52) Acenaphthene	14.562	154	354069	40.800	ng	99
53) 3-Nitroaniline	14.392	138	91668	42.269	ng	92
54) 2,4-Dinitrophenol	14.597	184	19589	44.517	ng	# 81
55) Dibenzofuran	14.897	168	564707	40.075	ng	99
56) 4-Nitrophenol	14.691	139	69438	40.706	ng	92
57) 2,4-Dinitrotoluene	14.850	165	111035	45.607	ng	95
58) Fluorene	15.543	166	446668	41.011	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.120	232	106217	38.727	ng	97
60) Diethylphthalate	15.326	149	448977	42.552	ng	99
61) 4-Chlorophenyl-phenyle...	15.543	204	217502	39.801	ng	99
62) 4-Nitroaniline	15.555	138	102188	43.785	ng	97
63) Azobenzene	15.837	77	504388	40.473	ng	99
65) 4,6-Dinitro-2-methylph...	15.614	198	37669	45.453	ng	90
66) n-Nitrosodiphenylamine	15.755	169	383834	39.360	ng	98
67) 4-Bromophenyl-phenylether	16.436	248	142634	40.742	ng	98
68) Hexachlorobenzene	16.548	284	161220	39.170	ng	99
69) Atrazine	16.707	200	129855	40.014	ng	97
70) Pentachlorophenol	16.889	266	93080	39.544	ng	94
71) Phenanthrene	17.282	178	739999	40.058	ng	98
72) Anthracene	17.370	178	731501	39.573	ng	99
73) Carbazole	17.635	167	715119	41.326	ng	97
74) Di-n-butylphthalate	18.217	149	803972	44.572	ng	99
75) Fluoranthene	19.292	202	929938	41.340	ng	98
77) Benzidine	19.474	184	348157	40.184	ng	97
78) Pyrene	19.650	202	992890	39.529	ng	100
80) Butylbenzylphthalate	20.561	149	315478	37.362	ng	96
81) Benzo(a)anthracene	21.454	228	1018967	39.445	ng	99
82) 3,3'-Dichlorobenzidine	21.378	252	342486	42.572	ng	100
83) Chrysene	21.519	228	1011714	39.354	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	518513	37.903	ng	98
85) Di-n-octyl phthalate	22.553	149	826880	37.668	ng	99
87) Indeno(1,2,3-cd)pyrene	27.923	276	1116783	40.397	ng	99
88) Benzo(b)fluoranthene	23.551	252	998401	39.566	ng	97
89) Benzo(k)fluoranthene	23.616	252	1046605	40.393	ng	99
90) Benzo(a)pyrene	24.362	252	905363	40.196	ng	99
91) Dibenzo(a,h)anthracene	27.993	278	943790	40.430	ng	99
92) Benzo(g,h,i)perylene	28.986	276	947132	40.191	ng	98

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

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