

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064329.D
 Acq On : 10 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 10 13:45:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	27684	20.000	ng	-0.01
21) Naphthalene-d8	10.631	136	118232	20.000	ng	#-0.02
39) Acenaphthene-d10	14.468	164	85027	20.000	ng	-0.01
64) Phenanthrene-d10	17.211	188	196821	20.000	ng	#-0.01
76) Chrysene-d12	21.442	240	218500	20.000	ng	-0.01
86) Perylene-d12	24.438	264	236667	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.431	112	136593	88.521	ng	-0.01
7) Phenol-d6	7.017	99	186397	87.927	ng	-0.01
23) Nitrobenzene-d5	8.997	82	203499	95.991	ng	-0.02
42) 2,4,6-Tribromophenol	15.960	330	117743	104.547	ng	-0.01
45) 2-Fluorobiphenyl	13.093	172	505576	90.758	ng	-0.02
79) Terphenyl-d14	19.832	244	966047	92.243	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	25507	39.659	ng	90
3) Pyridine	3.745	79	72240	38.157	ng	# 58
4) n-Nitrosodimethylamine	3.657	42	57062	45.567	ng	98
6) Aniline	7.176	93	118474	40.413	ng	97
8) 2-Chlorophenol	7.411	128	84614	44.874	ng	99
9) Benzaldehyde	6.988	77	67713	38.813	ng	92
10) Phenol	7.047	94	99110	42.405	ng	87
11) bis(2-Chloroethyl)ether	7.270	93	68392	38.941	ng	98
12) 1,3-Dichlorobenzene	7.734	146	93911	46.815	ng	99
13) 1,4-Dichlorobenzene	7.881	146	90597	44.750	ng	94
14) 1,2-Dichlorobenzene	8.198	146	87950	45.012	ng	95
15) Benzyl Alcohol	8.081	79	85391	43.649	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.363	45	128872	32.139	ng	96
17) 2-Methylphenol	8.287	107	70422	40.428	ng	94
18) Hexachloroethane	8.921	117	36007	45.563	ng	83
19) n-Nitroso-di-n-propyla...	8.651	70	62640	38.609	ng	# 92
20) 3+4-Methylphenols	8.616	107	95664	39.525	ng	98
22) Acetophenone	8.663	105	132436	44.276	ng	# 98
24) Nitrobenzene	9.044	77	100745	45.484	ng	98
25) Isophorone	9.567	82	179132	40.656	ng	98
26) 2-Nitrophenol	9.750	139	49677	51.905	ng	# 89
27) 2,4-Dimethylphenol	9.808	122	74813	44.523	ng	95
28) bis(2-Chloroethoxy)met...	10.043	93	95549	40.218	ng	92
29) 2,4-Dichlorophenol	10.284	162	85416	48.177	ng	92
30) 1,2,4-Trichlorobenzene	10.496	180	92665	49.569	ng	97
31) Naphthalene	10.684	128	277444	45.253	ng	98
32) Benzoic acid	9.973	122	57220	42.899	ng	83
33) 4-Chloroaniline	10.790	127	103610	43.602	ng	97
34) Hexachlorobutadiene	10.972	225	75014	54.285	ng	91
35) Caprolactam	11.571	113	28397	41.365	ng	# 87
36) 4-Chloro-3-methylphenol	11.918	107	101787	44.248	ng	93
37) 2-Methylnaphthalene	12.294	142	202376	44.408	ng	97
38) 1-Methylnaphthalene	12.511	142	195992	43.542	ng	100
40) 1,2,4,5-Tetrachloroben...	12.664	216	120067	48.941	ng	98
41) Hexachlorocyclopentadiene	12.646	237	66555	57.081	ng	95
43) 2,4,6-Trichlorophenol	12.905	196	76918	46.908	ng	95

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44) 2,4,5-Trichlorophenol	12.975	196	85960	48.326	ng	96
46) 1,1'-Biphenyl	13.304	154	271604	43.857	ng	98
47) 2-Chloronaphthalene	13.345	162	206883	44.436	ng	99
48) 2-Nitroaniline	13.545	65	74324	46.837	ng	93
49) Acenaphthylene	14.191	152	304412	44.231	ng	98
50) Dimethylphthalate	13.927	163	277648	43.141	ng	98
51) 2,6-Dinitrotoluene	14.045	165	58050	46.591	ng	97
52) Acenaphthene	14.532	154	205996	42.413	ng	98
53) 3-Nitroaniline	14.374	138	57654	44.176	ng	98
54) 2,4-Dinitrophenol	14.579	184	40046	51.371	ng #	78
55) Dibenzofuran	14.867	168	332983	43.587	ng	99
56) 4-Nitrophenol	14.685	139	49030	45.798	ng #	84
57) 2,4-Dinitrotoluene	14.832	165	88291	46.867	ng	100
58) Fluorene	15.519	166	270362	43.178	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.096	232	82358	48.140	ng	98
60) Diethylphthalate	15.296	149	301306	43.745	ng	98
61) 4-Chlorophenyl-phenylether	15.513	204	142080	45.511	ng	99
62) 4-Nitroaniline	15.537	138	64021	48.073	ng	95
63) Azobenzene	15.807	77	248758	40.521	ng	94
65) 4,6-Dinitro-2-methylph...	15.596	198	59929	53.034	ng	92
66) n-Nitrosodiphenylamine	15.725	169	236509	43.682	ng	99
67) 4-Bromophenyl-phenylether	16.406	248	101412	48.511	ng	95
68) Hexachlorobenzene	16.524	284	110107	47.430	ng	95
69) Atrazine	16.677	200	109887	48.607	ng	98
70) Pentachlorophenol	16.865	266	77121	54.789	ng	97
71) Phenanthrene	17.253	178	461115	44.419	ng	98
72) Anthracene	17.347	178	468276	44.345	ng	99
73) Carbazole	17.611	167	425535	45.744	ng	99
74) Di-n-butylphthalate	18.181	149	524480	46.928	ng	98
75) Fluoranthene	19.262	202	573695	47.001	ng	96
77) Benzidine	19.444	184	204240	44.434	ng	99
78) Pyrene	19.626	202	607108	44.103	ng	98
80) Butylbenzylphthalate	20.519	149	233555	44.983	ng	94
81) Benzo(a)anthracene	21.424	228	628363	44.951	ng	99
82) 3,3'-Dichlorobenzidine	21.342	252	211367	46.428	ng	99
83) Chrysene	21.483	228	592124	44.122	ng	100
84) Bis(2-ethylhexyl)phtha...	21.348	149	339987	43.615	ng	100
85) Di-n-octyl phthalate	22.482	149	584272	43.017	ng	97
87) Indeno(1,2,3-cd)pyrene	27.822	276	748845	46.333	ng	99
88) Benzo(b)fluoranthene	23.498	252	617318	46.216	ng	98
89) Benzo(k)fluoranthene	23.563	252	612889	45.039	ng #	96
90) Benzo(a)pyrene	24.303	252	570126	45.885	ng #	97
91) Dibenzo(a,h)anthracene	27.887	278	604581	46.589	ng	98
92) Benzo(g,h,i)perylene	28.886	276	578046	45.778	ng #	93

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

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