

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
 Data File : BG064958.D
 Acq On : 16 Dec 2025 15:53
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Quant Time: Dec 17 05:15:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 17 05:08:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	57807	20.000	ng	0.00
21) Naphthalene-d8	10.843	136	250650	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	192384	20.000	ng	0.00
64) Phenanthrene-d10	17.395	188	413976	20.000	ng	0.00
76) Chrysene-d12	21.642	240	431063	20.000	ng	0.00
86) Perylene-d12	24.809	264	472567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	350254	97.708	ng	0.00
7) Phenol-d6	7.189	99	492584	98.173	ng	0.00
23) Nitrobenzene-d5	9.204	82	460795	109.180	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	250452	100.336	ng	0.00
45) 2-Fluorobiphenyl	13.288	172	1274289	98.565	ng	0.00
79) Terphenyl-d14	20.003	244	2206061	96.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	64986	45.040	ng	97
3) Pyridine	3.899	79	221269	48.008	ng	98
4) n-Nitrosodimethylamine	3.816	42	109234	48.082	ng	# 99
6) Aniline	7.365	93	335690	48.583	ng	99
8) 2-Chlorophenol	7.600	128	194563	49.441	ng	98
9) Benzaldehyde	7.177	77	214008	57.186	ng	99
10) Phenol	7.218	94	278636	49.941	ng	95
11) bis(2-Chloroethyl)ether	7.459	93	204636	49.089	ng	99
12) 1,3-Dichlorobenzene	7.935	146	211715	48.918	ng	97
13) 1,4-Dichlorobenzene	8.076	146	216590	48.868	ng	99
14) 1,2-Dichlorobenzene	8.393	146	211224	48.887	ng	100
15) Benzyl Alcohol	8.276	79	204352	48.626	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.570	45	504077	48.971	ng	99
17) 2-Methylphenol	8.470	107	184882	49.196	ng	99
18) Hexachloroethane	9.128	117	77938	48.936	ng	90
19) n-Nitroso-di-n-propyla...	8.852	70	189609	49.324	ng	99
20) 3+4-Methylphenols	8.799	107	251293	48.758	ng	97
22) Acetophenone	8.863	105	345252	50.304	ng	# 97
24) Nitrobenzene	9.245	77	244927	53.387	ng	97
25) Isophorone	9.768	82	519237	49.174	ng	98
26) 2-Nitrophenol	9.950	139	89481	48.184	ng	97
27) 2,4-Dimethylphenol	10.009	122	208976	49.437	ng	98
28) bis(2-Chloroethoxy)met...	10.250	93	297401	49.867	ng	98
29) 2,4-Dichlorophenol	10.485	162	212036	51.410	ng	98
30) 1,2,4-Trichlorobenzene	10.708	180	219690	49.837	ng	97
31) Naphthalene	10.896	128	673768	49.220	ng	99
32) Benzoic acid	10.144	122	148493	52.802	ng	92
33) 4-Chloroaniline	10.996	127	294450	48.830	ng	98
34) Hexachlorobutadiene	11.184	225	159900	49.934	ng	97
35) Caprolactam	11.778	113	72943	47.844	ng	97
36) 4-Chloro-3-methylphenol	12.107	107	236382	48.552	ng	100
37) 2-Methylnaphthalene	12.494	142	518114	49.257	ng	99
38) 1-Methylnaphthalene	12.718	142	509267	48.568	ng	100
40) 1,2,4,5-Tetrachloroben...	12.859	216	282350	50.482	ng	99
41) Hexachlorocyclopentadiene	12.841	237	181726	52.426	ng	98
43) 2,4,6-Trichlorophenol	13.094	196	189293	51.992	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.158	196	208569	51.221	ng	99
46) 1,1'-Biphenyl	13.499	154	689201	49.643	ng	98
47) 2-Chloronaphthalene	13.540	162	543058	49.863	ng	99
48) 2-Nitroaniline	13.734	65	151922	47.981	ng	97
49) Acenaphthylene	14.380	152	902698	49.762	ng	99
50) Dimethylphthalate	14.110	163	697931	48.333	ng	99
51) 2,6-Dinitrotoluene	14.228	165	115243	47.458	ng	98
52) Acenaphthene	14.721	154	553317	49.390	ng	97
53) 3-Nitroaniline	14.551	138	136325	47.880	ng	95
54) 2,4-Dinitrophenol	14.751	184	48615	46.129	ng	92
55) Dibenzofuran	15.056	168	845232	48.441	ng	97
56) 4-Nitrophenol	14.845	139	118961	50.758	ng	88
57) 2,4-Dinitrotoluene	15.009	165	166987	54.989	ng	97
58) Fluorene	15.702	166	681766	47.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.273	232	183052	50.253	ng	99
60) Diethylphthalate	15.473	149	737172	47.715	ng	99
61) 4-Chlorophenyl-phenyle...	15.697	204	360191	48.767	ng	99
62) 4-Nitroaniline	15.714	138	149060	53.335	ng	100
63) Azobenzene	15.984	77	685356	48.570	ng	99
65) 4,6-Dinitro-2-methylph...	15.767	198	82363	48.034	ng	95
66) n-Nitrosodiphenylamine	15.908	169	594781	49.722	ng	99
67) 4-Bromophenyl-phenylether	16.584	248	239974	50.214	ng	99
68) Hexachlorobenzene	16.701	284	272598	50.050	ng	98
69) Atrazine	16.848	200	237271	49.051	ng	99
70) Pentachlorophenol	17.036	266	174522	50.641	ng	99
71) Phenanthrene	17.436	178	1142483	48.997	ng	100
72) Anthracene	17.530	178	1175413	49.307	ng	100
73) Carbazole	17.788	167	1028051	48.395	ng	99
74) Di-n-butylphthalate	18.358	149	1271807	48.922	ng	100
75) Fluoranthene	19.439	202	1327802	48.320	ng	99
77) Benzidine	19.610	184	654071	54.556	ng	99
78) Pyrene	19.798	202	1377293	49.353	ng	99
80) Butylbenzylphthalate	20.685	149	566915	50.979	ng	95
81) Benzo(a)anthracene	21.619	228	1460676	49.606	ng	100
82) 3,3'-Dichlorobenzidine	21.537	252	507447	49.203	ng	97
83) Chrysene	21.689	228	1391689	49.465	ng	100
84) Bis(2-ethylhexyl)phtha...	21.543	149	850289	49.910	ng	100
85) Di-n-octyl phthalate	22.747	149	1467843	50.056	ng	100
87) Indeno(1,2,3-cd)pyrene	28.429	276	1766153	50.172	ng	98
88) Benzo(b)fluoranthene	23.811	252	1434363	49.597	ng	99
89) Benzo(k)fluoranthene	23.881	252	1484360	50.309	ng	99
90) Benzo(a)pyrene	24.662	252	1379763	50.188	ng	99
91) Dibenzo(a,h)anthracene	28.499	278	1470151	50.154	ng	99
92) Benzo(g,h,i)perylene	29.563	276	1413315	49.648	ng	99

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

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