

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
 Data File : BG064959.D
 Acq On : 16 Dec 2025 16:33
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Quant Time: Dec 17 05:16:26 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	8.043	152	52664	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	232881	20.000	ng	0.00
39) Acenaphthene-d10	14.659	164	178084	20.000	ng	0.00
64) Phenanthrene-d10	17.391	188	399215	20.000	ng	0.00
76) Chrysene-d12	21.639	240	413447	20.000	ng	0.00
86) Perylene-d12	24.805	264	456782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	393523	120.499	ng	0.00
7) Phenol-d6	7.191	99	552390	120.844	ng	0.00
23) Nitrobenzene-d5	9.206	82	518531	132.234	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	291707	126.248	ng	0.00
45) 2-Fluorobiphenyl	13.290	172	1426166	119.171	ng	0.00
79) Terphenyl-d14	19.999	244	2488907	113.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.507	88	73750	56.106	ng	98
3) Pyridine	3.901	79	245616	58.494	ng	100
4) n-Nitrosodimethylamine	3.812	42	124112	59.965	ng	99
6) Aniline	7.367	93	375714	59.686	ng	98
8) 2-Chlorophenol	7.602	128	219180	61.135	ng	96
9) Benzaldehyde	7.179	77	217804	63.884	ng	98
10) Phenol	7.220	94	306635	60.326	ng	96
11) bis(2-Chloroethyl)ether	7.461	93	223199	58.771	ng	96
12) 1,3-Dichlorobenzene	7.931	146	234482	59.469	ng	97
13) 1,4-Dichlorobenzene	8.078	146	240652	59.600	ng	98
14) 1,2-Dichlorobenzene	8.395	146	235052	59.714	ng	99
15) Benzyl Alcohol	8.272	79	227376	59.388	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.566	45	557604	59.461	ng	99
17) 2-Methylphenol	8.472	107	206958	60.448	ng	99
18) Hexachloroethane	9.130	117	86619	59.698	ng	90
19) n-Nitroso-di-n-propyla...	8.854	70	211625	60.427	ng	99
20) 3+4-Methylphenols	8.801	107	281904	60.039	ng	98
22) Acetophenone	8.865	105	379517	59.515	ng	# 97
24) Nitrobenzene	9.247	77	278320	65.294	ng	99
25) Isophorone	9.770	82	581198	59.241	ng	99
26) 2-Nitrophenol	9.952	139	105216	60.113	ng	96
27) 2,4-Dimethylphenol	10.005	122	236976	60.339	ng	98
28) bis(2-Chloroethoxy)met...	10.252	93	334622	60.390	ng	97
29) 2,4-Dichlorophenol	10.487	162	238769	62.309	ng	98
30) 1,2,4-Trichlorobenzene	10.704	180	245951	60.051	ng	97
31) Naphthalene	10.898	128	753918	59.277	ng	98
32) Benzoic acid	10.152	122	175742	67.259	ng	90
33) 4-Chloroaniline	10.992	127	334798	59.758	ng	98
34) Hexachlorobutadiene	11.186	225	177552	59.677	ng	98
35) Caprolactam	11.785	113	83285	58.796	ng	97
36) 4-Chloro-3-methylphenol	12.109	107	272727	60.291	ng	97
37) 2-Methylnaphthalene	12.496	142	584756	59.834	ng	99
38) 1-Methylnaphthalene	12.714	142	581615	59.700	ng	97
40) 1,2,4,5-Tetrachloroben...	12.861	216	315971	61.029	ng	98
41) Hexachlorocyclopentadiene	12.843	237	205409	64.016	ng	97
43) 2,4,6-Trichlorophenol	13.090	196	212466	63.043	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	236521	62.750	ng	98
46) 1,1'-Biphenyl	13.501	154	772716	60.128	ng	98
47) 2-Chloronaphthalene	13.542	162	609189	60.427	ng	99
48) 2-Nitroaniline	13.736	65	181850	61.174	ng	99
49) Acenaphthylene	14.382	152	1010969	60.205	ng	99
50) Dimethylphthalate	14.112	163	805760	60.281	ng	100
51) 2,6-Dinitrotoluene	14.230	165	140931	61.614	ng	95
52) Acenaphthene	14.723	154	627704	60.529	ng	98
53) 3-Nitroaniline	14.553	138	165698	61.961	ng	98
54) 2,4-Dinitrophenol	14.753	184	61242	60.999	ng	# 86
55) Dibenzofuran	15.058	168	960771	59.484	ng	99
56) 4-Nitrophenol	14.847	139	143794	66.280	ng	91
57) 2,4-Dinitrotoluene	15.011	165	206155	73.339	ng	# 93
58) Fluorene	15.704	166	786359	59.798	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.275	232	215035	63.774	ng	98
60) Diethylphthalate	15.475	149	848363	59.321	ng	100
61) 4-Chlorophenyl-phenyle...	15.693	204	405476	59.306	ng	98
62) 4-Nitroaniline	15.716	138	178167	68.868	ng	97
63) Azobenzene	15.986	77	788315	60.352	ng	98
65) 4,6-Dinitro-2-methylph...	15.769	198	99603	58.808	ng	96
66) n-Nitrosodiphenylamine	15.904	169	682725	59.184	ng	99
67) 4-Bromophenyl-phenylether	16.586	248	274335	59.527	ng	99
68) Hexachlorobenzene	16.697	284	313521	59.692	ng	99
69) Atrazine	16.850	200	279311	59.876	ng	98
70) Pentachlorophenol	17.038	266	207074	62.308	ng	98
71) Phenanthrene	17.438	178	1307958	58.168	ng	100
72) Anthracene	17.526	178	1361871	59.242	ng	99
73) Carbazole	17.790	167	1203450	58.746	ng	99
74) Di-n-butylphthalate	18.354	149	1467762	58.547	ng	100
75) Fluoranthene	19.441	202	1525490	57.566	ng	99
77) Benzidine	19.612	184	676804	58.858	ng	100
78) Pyrene	19.800	202	1575818	58.873	ng	99
80) Butylbenzylphthalate	20.687	149	655159	61.424	ng	96
81) Benzo(a)anthracene	21.621	228	1688006	59.769	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	587223	59.365	ng	98
83) Chrysene	21.692	228	1615867	59.880	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	973633	59.586	ng	99
85) Di-n-octyl phthalate	22.749	149	1700903	60.476	ng	99
87) Indeno(1,2,3-cd)pyrene	28.437	276	2052975	60.335	ng	# 93
88) Benzo(b)fluoranthene	23.807	252	1687826	60.378	ng	99
89) Benzo(k)fluoranthene	23.883	252	1724079	60.453	ng	99
90) Benzo(a)pyrene	24.670	252	1605344	60.412	ng	98
91) Dibenzo(a,h)anthracene	28.501	278	1703657	60.129	ng	99
92) Benzo(g,h,i)perylene	29.571	276	1654634	60.133	ng	98

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

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