

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064583.D
 Acq On : 27 Oct 2025 11:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 04 01:18:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	39737	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	173874	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	136456	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	324576	20.000	ng	0.00
76) Chrysene-d12	21.851	240	347536	20.000	ng	0.00
86) Perylene-d12	25.194	264	368889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	230506	97.366	ng	0.00
7) Phenol-d6	7.350	99	324858	100.000	ng	0.00
23) Nitrobenzene-d5	9.383	82	233175	80.547	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	157029	79.732	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	726855	80.739	ng	0.00
79) Terphenyl-d14	20.171	244	1486757	80.733	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.590	88	50329	48.018	ng	96
3) Pyridine	3.995	79	195127	61.994	ng	97
4) n-Nitrosodimethylamine	3.901	42	79462	47.077	ng	96
6) Aniline	7.527	93	218097	49.338	ng	98
8) 2-Chlorophenol	7.773	128	125412	50.611	ng	97
9) Benzaldehyde	7.339	77	136425	76.923	ng	97
10) Phenol	7.380	94	179040	49.835	ng	96
11) bis(2-Chloroethyl)ether	7.621	93	128740	48.739	ng	97
12) 1,3-Dichlorobenzene	8.108	146	118958	41.710	ng	96
13) 1,4-Dichlorobenzene	8.255	146	120647	41.603	ng	99
14) 1,2-Dichlorobenzene	8.578	146	116103	41.508	ng	96
15) Benzyl Alcohol	8.449	79	115357	43.062	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.737	45	302812	43.704	ng	98
17) 2-Methylphenol	8.643	107	103411	43.353	ng	97
18) Hexachloroethane	9.325	117	42141	41.409	ng	98
19) n-Nitroso-di-n-propyla...	9.025	70	103213	45.972	ng	96
20) 3+4-Methylphenols	8.972	107	142872	42.591	ng	96
22) Acetophenone	9.042	105	195028	41.032	ng	95
24) Nitrobenzene	9.424	77	128864	40.927	ng	99
25) Isophorone	9.953	82	291391	41.948	ng	99
26) 2-Nitrophenol	10.141	139	39727	33.699	ng	92
27) 2,4-Dimethylphenol	10.188	122	109961	42.557	ng	94
28) bis(2-Chloroethoxy)met...	10.435	93	165991	41.969	ng	98
29) 2,4-Dichlorophenol	10.676	162	116926	42.048	ng	95
30) 1,2,4-Trichlorobenzene	10.905	180	128652	40.719	ng	99
31) Naphthalene	11.099	128	394232	40.895	ng	99
32) Benzoic acid	10.317	122	61367	33.268	ng	93
33) 4-Chloroaniline	11.187	127	156793	41.846	ng	98
34) Hexachlorobutadiene	11.387	225	100526	40.684	ng	98
35) Caprolactam	11.951	113	41048	38.487	ng	# 88
36) 4-Chloro-3-methylphenol	12.292	107	139274	41.668	ng	98
37) 2-Methylnaphthalene	12.685	142	292711	41.357	ng	99
38) 1-Methylnaphthalene	12.903	142	286227	40.851	ng	98
40) 1,2,4,5-Tetrachloroben...	13.050	216	183039	39.969	ng	99
41) Hexachlorocyclopentadiene	13.038	237	75893	36.818	ng	98
43) 2,4,6-Trichlorophenol	13.279	196	108131	41.278	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.343	196	123941	41.000	ng	99
46) 1,1'-Biphenyl	13.678	154	397857	41.012	ng	97
47) 2-Chloronaphthalene	13.725	162	299701	40.928	ng	99
48) 2-Nitroaniline	13.907	65	81503	34.152	ng	93
49) Acenaphthylene	14.565	152	471014	40.780	ng	99
50) Dimethylphthalate	14.283	163	418670	40.096	ng	100
51) 2,6-Dinitrotoluene	14.395	165	59354	35.352	ng	98
52) Acenaphthene	14.906	154	320852	40.659	ng	99
53) 3-Nitroaniline	14.724	138	72727	40.529	ng	92
54) 2,4-Dinitrophenol	14.924	184	35977	37.232	ng	97
55) Dibenzofuran	15.235	168	519158	40.693	ng	99
56) 4-Nitrophenol	15.012	139	64395	38.706	ng	97
57) 2,4-Dinitrotoluene	15.182	165	90701	34.936	ng	# 95
58) Fluorene	15.882	166	398395	39.986	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.453	232	118842	41.112	ng	98
60) Diethylphthalate	15.647	149	419702	39.366	ng	100
61) 4-Chlorophenyl-phenyle...	15.876	204	222810	39.849	ng	96
62) 4-Nitroaniline	15.882	138	82074	41.112	ng	96
63) Azobenzene	16.164	77	404156	41.315	ng	99
65) 4,6-Dinitro-2-methylph...	15.940	198	51664	37.510	ng	97
66) n-Nitrosodiphenylamine	16.081	169	367072	41.867	ng	99
67) 4-Bromophenyl-phenylether	16.763	248	160468	41.720	ng	99
68) Hexachlorobenzene	16.886	284	180323	41.094	ng	97
69) Atrazine	17.021	200	143289	37.977	ng	98
70) Pentachlorophenol	17.221	266	109806	40.129	ng	91
71) Phenanthrene	17.621	178	723122	40.740	ng	99
72) Anthracene	17.715	178	740918	41.035	ng	98
73) Carbazole	17.967	167	645806	40.561	ng	99
74) Di-n-butylphthalate	18.531	149	716403	38.911	ng	99
75) Fluoranthene	19.612	202	889861	40.019	ng	100
77) Benzidine	19.783	184	466575	59.923	ng	99
78) Pyrene	19.971	202	921148	40.568	ng	98
80) Butylbenzylphthalate	20.852	149	290894	42.388	ng	96
81) Benzo(a)anthracene	21.833	228	954317	41.414	ng	99
82) 3,3'-Dichlorobenzidine	21.733	252	314331	40.849	ng	99
83) Chrysene	21.904	228	899714	41.033	ng	97
84) Bis(2-ethylhexyl)phtha...	21.745	149	432180	42.146	ng	97
85) Di-n-octyl phthalate	23.008	149	722967	41.817	ng	100
87) Indeno(1,2,3-cd)pyrene	29.031	276	1123402	41.398	ng	99
88) Benzo(b)fluoranthene	24.137	252	932900	41.242	ng	98
89) Benzo(k)fluoranthene	24.207	252	957914	42.319	ng	98
90) Benzo(a)pyrene	25.041	252	864413	41.573	ng	100
91) Dibenzo(a,h)anthracene	29.101	278	916106	41.553	ng	98
92) Benzo(g,h,i)perylene	30.224	276	864165	41.032	ng	98

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

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