

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064531.D
 Acq On : 17 Oct 2025 11:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 17 12:14:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	15109	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	59855	20.000	ng	# 0.00
39) Acenaphthene-d10	14.447	164	45410	20.000	ng	0.00
64) Phenanthrene-d10	17.185	188	113433	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	121987	20.000	ng	0.00
86) Perylene-d12	24.389	264	135397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	67252	82.376	ng	0.00
7) Phenol-d6	6.997	99	87930	80.147	ng	0.01
23) Nitrobenzene-d5	8.971	82	96302	86.512	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	71251	86.562	ng	0.00
45) 2-Fluorobiphenyl	13.067	172	268974	87.309	ng	0.00
79) Terphenyl-d14	19.806	244	541256	83.970	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	10666	33.030	ng	99
3) Pyridine	3.713	79	31836	36.683	ng	96
4) n-Nitrosodimethylamine	3.625	42	25094	39.886	ng	97
6) Aniline	7.144	93	55597	40.175	ng	98
8) 2-Chlorophenol	7.385	128	38767	38.670	ng	94
9) Benzaldehyde	6.962	77	39407	40.464	ng	97
10) Phenol	7.021	94	46193	39.912	ng	98
11) bis(2-Chloroethyl)ether	7.244	93	30133	38.446	ng	96
12) 1,3-Dichlorobenzene	7.708	146	44321	40.415	ng	99
13) 1,4-Dichlorobenzene	7.855	146	44296	40.246	ng	93
14) 1,2-Dichlorobenzene	8.172	146	43761	40.342	ng	96
15) Benzyl Alcohol	8.055	79	40345	39.931	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.337	45	46763	37.014	ng	93
17) 2-Methylphenol	8.266	107	34159	40.760	ng	95
18) Hexachloroethane	8.895	117	17431	40.123	ng	# 81
19) n-Nitroso-di-n-propyla...	8.625	70	29374	40.034	ng	# 96
20) 3+4-Methylphenols	8.595	107	48530	41.497	ng	97
22) Acetophenone	8.636	105	64695	44.640	ng	# 94
24) Nitrobenzene	9.012	77	48957	44.103	ng	# 94
25) Isophorone	9.535	82	85316	42.307	ng	98
26) 2-Nitrophenol	9.723	139	24451	44.257	ng	90
27) 2,4-Dimethylphenol	9.788	122	37945	44.967	ng	97
28) bis(2-Chloroethoxy)met...	10.017	93	44572	43.361	ng	98
29) 2,4-Dichlorophenol	10.258	162	43181	44.252	ng	96
30) 1,2,4-Trichlorobenzene	10.470	180	46971	44.147	ng	97
31) Naphthalene	10.658	128	137511	44.614	ng	# 94
32) Benzoic acid	9.953	122	27634	42.654	ng	88
33) 4-Chloroaniline	10.763	127	50451	42.656	ng	95
34) Hexachlorobutadiene	10.946	225	41597	45.651	ng	99
35) Caprolactam	11.551	113	13346	39.951	ng	92
36) 4-Chloro-3-methylphenol	11.897	107	49176	41.441	ng	100
37) 2-Methylnaphthalene	12.262	142	102929	43.504	ng	94
38) 1-Methylnaphthalene	12.485	142	102009	43.239	ng	99
40) 1,2,4,5-Tetrachloroben...	12.638	216	66219	45.163	ng	99
41) Hexachlorocyclopentadiene	12.614	237	36834	48.026	ng	95
43) 2,4,6-Trichlorophenol	12.879	196	42280	45.109	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.955	196	45585	43.563	ng	98
46) 1,1'-Biphenyl	13.278	154	139801	42.804	ng	98
47) 2-Chloronaphthalene	13.319	162	104058	42.673	ng	98
48) 2-Nitroaniline	13.525	65	35557	42.724	ng	91
49) Acenaphthylene	14.165	152	155707	43.015	ng	100
50) Dimethylphthalate	13.907	163	148979	41.889	ng	98
51) 2,6-Dinitrotoluene	14.024	165	31730	42.828	ng	94
52) Acenaphthene	14.512	154	107398	42.705	ng	97
53) 3-Nitroaniline	14.353	138	29167	42.688	ng	98
54) 2,4-Dinitrophenol	14.565	184	19980	37.192	ng	86
55) Dibenzofuran	14.847	168	176477	42.500	ng	99
56) 4-Nitrophenol	14.676	139	21209	39.426	ng	# 78
57) 2,4-Dinitrotoluene	14.812	165	47930	42.320	ng	99
58) Fluorene	15.493	166	147508	42.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.076	232	44802	41.953	ng	98
60) Diethylphthalate	15.270	149	155724	40.816	ng	99
61) 4-Chlorophenyl-phenyle...	15.487	204	80769	42.856	ng	99
62) 4-Nitroaniline	15.517	138	32100	45.075	ng	88
63) Azobenzene	15.781	77	120424	40.756	ng	98
65) 4,6-Dinitro-2-methylph...	15.575	198	32882	41.633	ng	97
66) n-Nitrosodiphenylamine	15.705	169	124364	41.056	ng	94
67) 4-Bromophenyl-phenylether	16.380	248	58429	43.772	ng	90
68) Hexachlorobenzene	16.498	284	66922	43.813	ng	97
69) Atrazine	16.656	200	53510	39.706	ng	94
70) Pentachlorophenol	16.845	266	39645	44.391	ng	99
71) Phenanthrene	17.232	178	250586	42.243	ng	98
72) Anthracene	17.320	178	250470	42.088	ng	99
73) Carbazole	17.591	167	217803	42.342	ng	99
74) Di-n-butylphthalate	18.155	149	268973	42.834	ng	98
75) Fluoranthene	19.242	202	308490	43.531	ng	97
77) Benzidine	19.424	184	158322	52.157	ng	98
78) Pyrene	19.600	202	323827	40.905	ng	99
80) Butylbenzylphthalate	20.499	149	120636	42.987	ng	99
81) Benzo(a)anthracene	21.392	228	331808	42.600	ng	97
82) 3,3'-Dichlorobenzidine	21.322	252	110163	41.788	ng	98
83) Chrysene	21.457	228	309141	41.851	ng	96
84) Bis(2-ethylhexyl)phtha...	21.316	149	170638	43.095	ng	98
85) Di-n-octyl phthalate	22.444	149	291996	43.878	ng	98
87) Indeno(1,2,3-cd)pyrene	27.755	276	401359	42.587	ng	97
88) Benzo(b)fluoranthene	23.454	252	327643	42.536	ng	97
89) Benzo(k)fluoranthene	23.519	252	332602	42.873	ng	99
90) Benzo(a)pyrene	24.253	252	302217	42.571	ng	100
91) Dibenzo(a,h)anthracene	27.802	278	327359	43.434	ng	# 95
92) Benzo(g,h,i)perylene	28.795	276	309287	42.228	ng	96

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

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