

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064485.D
 Acq On : 3 Oct 2025 13:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025

Quant Time: Oct 03 14:09:27 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	7.821	152	17500	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	78873	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	59706	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	149943	20.000	ng	# 0.00
76) Chrysene-d12	21.417	240	155011	20.000	ng	0.00
86) Perylene-d12	24.390	264	163411	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	84607	89.475	ng	0.00
7) Phenol-d6	6.998	99	112125	88.237	ng	0.01
23) Nitrobenzene-d5	8.978	82	126148	85.999	ng	0.01
42) 2,4,6-Tribromophenol	15.941	330	90661	83.770	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	342927	84.661	ng	0.00
79) Terphenyl-d14	19.807	244	695125	84.866	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	15205	40.653	ng	97
3) Pyridine	3.714	79	40499	40.289	ng	93
4) n-Nitrosodimethylamine	3.632	42	30383	41.694	ng	95
6) Aniline	7.151	93	71370	44.526	ng	97
8) 2-Chlorophenol	7.392	128	49874	42.952	ng	94
9) Benzaldehyde	6.969	77	52923m	46.917	ng	
10) Phenol	7.022	94	59288	44.228	ng	94
11) bis(2-Chloroethyl)ether	7.251	93	38914	42.866	ng	97
12) 1,3-Dichlorobenzene	7.715	146	56603	44.562	ng	97
13) 1,4-Dichlorobenzene	7.856	146	56867	44.608	ng	92
14) 1,2-Dichlorobenzene	8.173	146	54267	43.192	ng	97
15) Benzyl Alcohol	8.062	79	52407	44.783	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.344	45	64111	43.812	ng	95
17) 2-Methylphenol	8.267	107	42368	43.648	ng	97
18) Hexachloroethane	8.902	117	21725	43.174	ng	89
19) n-Nitroso-di-n-propyla...	8.632	70	37586	44.227	ng	# 93
20) 3+4-Methylphenols	8.596	107	59638	44.028	ng	95
22) Acetophenone	8.643	105	82461	43.179	ng	# 95
24) Nitrobenzene	9.019	77	61720	42.194	ng	100
25) Isophorone	9.542	82	111424	41.931	ng	97
26) 2-Nitrophenol	9.724	139	30728	42.207	ng	94
27) 2,4-Dimethylphenol	9.789	122	47542	42.755	ng	92
28) bis(2-Chloroethoxy)met...	10.024	93	56834	41.958	ng	97
29) 2,4-Dichlorophenol	10.259	162	54916	42.708	ng	95
30) 1,2,4-Trichlorobenzene	10.476	180	60436	43.106	ng	98
31) Naphthalene	10.659	128	172399	42.446	ng	97
32) Benzoic acid	9.948	122	38521m	45.121	ng	
33) 4-Chloroaniline	10.764	127	66293	42.535	ng	97
34) Hexachlorobutadiene	10.946	225	49713	41.403	ng	98
35) Caprolactam	11.546	113	19174	43.558	ng	95
36) 4-Chloro-3-methylphenol	11.898	107	67525	43.183	ng	95
37) 2-Methylnaphthalene	12.268	142	129764	41.621	ng	95
38) 1-Methylnaphthalene	12.492	142	126547m	40.706	ng	
40) 1,2,4,5-Tetrachloroben...	12.639	216	80854	41.941	ng	98
41) Hexachlorocyclopentadiene	12.627	237	43971	43.604	ng	93
43) 2,4,6-Trichlorophenol	12.885	196	52168	42.332	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064485.D
 Acq On : 3 Oct 2025 13:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025

Quant Time: Oct 03 14:09:27 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)
44) 2,4,5-Trichlorophenol	12.956	196	61045	44.369	ng	97
46) 1,1'-Biphenyl	13.285	154	178945	41.671	ng	99
47) 2-Chloronaphthalene	13.326	162	137587	42.913	ng	99
48) 2-Nitroaniline	13.526	65	46985	42.937	ng	93
49) Acenaphthylene	14.172	152	202613	42.571	ng	100
50) Dimethylphthalate	13.908	163	194926	41.685	ng	# 96
51) 2,6-Dinitrotoluene	14.025	165	42021	43.138	ng	89
52) Acenaphthene	14.513	154	140193	42.398	ng	98
53) 3-Nitroaniline	14.354	138	39644	44.129	ng	97
54) 2,4-Dinitrophenol	14.560	184	26564	37.608	ng	# 86
55) Dibenzofuran	14.848	168	231596	42.419	ng	99
56) 4-Nitrophenol	14.666	139	32349	45.736	ng	# 81
57) 2,4-Dinitrotoluene	14.813	165	64144	43.076	ng	# 98
58) Fluorene	15.500	166	193686	42.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.077	232	59370	42.283	ng	96
60) Diethylphthalate	15.277	149	209905	41.844	ng	97
61) 4-Chlorophenyl-phenyle...	15.494	204	102993	41.563	ng	98
62) 4-Nitroaniline	15.518	138	42631	45.530	ng	95
63) Azobenzene	15.782	77	162804	41.906	ng	99
65) 4,6-Dinitro-2-methylph...	15.576	198	43953	42.100	ng	96
66) n-Nitrosodiphenylamine	15.706	169	167596	41.856	ng	96
67) 4-Bromophenyl-phenylether	16.387	248	75062	42.541	ng	89
68) Hexachlorobenzene	16.499	284	84254	41.729	ng	97
69) Atrazine	16.657	200	75359	42.302	ng	96
70) Pentachlorophenol	16.845	266	50468	42.750	ng	99
71) Phenanthrene	17.233	178	333729	42.560	ng	97
72) Anthracene	17.321	178	330750	42.045	ng	97
73) Carbazole	17.592	167	293389	43.148	ng	99
74) Di-n-butylphthalate	18.156	149	360262	43.402	ng	99
75) Fluoranthene	19.243	202	411443	43.921	ng	99
77) Benzidine	19.425	184	208747	54.118	ng	99
78) Pyrene	19.601	202	425142	42.262	ng	99
80) Butylbenzylphthalate	20.500	149	151094	42.370	ng	98
81) Benzo(a)anthracene	21.393	228	419600	42.394	ng	97
82) 3,3'-Dichlorobenzidine	21.317	252	142654	42.584	ng	# 96
83) Chrysene	21.458	228	395068	42.089	ng	99
84) Bis(2-ethylhexyl)phtha...	21.317	149	211151	41.966	ng	97
85) Di-n-octyl phthalate	22.445	149	351045	41.513	ng	98
87) Indeno(1,2,3-cd)pyrene	27.744	276	486059	42.733	ng	98
88) Benzo(b)fluoranthene	23.455	252	401845	43.226	ng	99
89) Benzo(k)fluoranthene	23.514	252	394575	42.142	ng	97
90) Benzo(a)pyrene	24.254	252	369840	43.166	ng	100
91) Dibenzo(a,h)anthracene	27.797	278	395048	43.430	ng	# 97
92) Benzo(g,h,i)perylene	28.790	276	377605	42.717	ng	96

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

