

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064445.D
 Acq On : 25 Sep 2025 14:41
 Operator : RC/JU
 Sample : SSTDCCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 25 15:32:27 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 25 15:27:57 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	15613	20.000	ng	0.00
21) Naphthalene-d8	10.629	136	71861	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	54905	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	139111	20.000	ng	0.00
76) Chrysene-d12	21.439	240	156514	20.000	ng	0.00
86) Perylene-d12	24.430	264	168948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	67269	80.795	ng	0.00
7) Phenol-d6	7.009	99	95083	83.296	ng	0.00
23) Nitrobenzene-d5	8.995	82	104016	77.576	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	84245	86.888	ng	0.00
45) 2-Fluorobiphenyl	13.090	172	309421	84.018	ng	0.00
79) Terphenyl-d14	19.824	244	671831	84.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	13872	39.904	ng	100
3) Pyridine	3.731	79	38080	39.855	ng	100
4) n-Nitrosodimethylamine	3.649	42	28280	37.176	ng	100
6) Aniline	7.168	93	59686	40.367	ng	100
8) 2-Chlorophenol	7.409	128	42983	41.352	ng	100
9) Benzaldehyde	6.986	77	62473	61.195	ng	100
10) Phenol	7.039	94	49251	40.968	ng	100
11) bis(2-Chloroethyl)ether	7.268	93	33571	41.223	ng	100
12) 1,3-Dichlorobenzene	7.732	146	46506	40.998	ng	100
13) 1,4-Dichlorobenzene	7.873	146	46194	39.502	ng	100
14) 1,2-Dichlorobenzene	8.190	146	46455	41.525	ng	100
15) Benzyl Alcohol	8.079	79	42502	40.264	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.361	45	56545	38.664	ng	100
17) 2-Methylphenol	8.278	107	35755	41.722	ng	100
18) Hexachloroethane	8.913	117	18330	40.222	ng	100
19) n-Nitroso-di-n-propyla...	8.643	70	31592	40.016	ng	100
20) 3+4-Methylphenols	8.607	107	50098	41.395	ng	100
22) Acetophenone	8.660	105	66945	38.295	ng	100
24) Nitrobenzene	9.030	77	51522	39.260	ng	100
25) Isophorone	9.559	82	92759	37.818	ng	100
26) 2-Nitrophenol	9.741	139	25984	41.302	ng	100
27) 2,4-Dimethylphenol	9.806	122	39848	40.504	ng	100
28) bis(2-Chloroethoxy)met...	10.041	93	48191	38.974	ng	100
29) 2,4-Dichlorophenol	10.276	162	50668	44.077	ng	100
30) 1,2,4-Trichlorobenzene	10.493	180	53587	42.639	ng	100
31) Naphthalene	10.676	128	157583	42.321	ng	100
32) Benzoic acid	9.953	122	34198m	43.152	ng	
33) 4-Chloroaniline	10.787	127	60948	44.719	ng	100
34) Hexachlorobutadiene	10.969	225	45732	43.594	ng	100
35) Caprolactam	11.551	113	17599	42.083	ng	100
36) 4-Chloro-3-methylphenol	11.915	107	61801	42.877	ng	100
37) 2-Methylnaphthalene	12.285	142	122547	43.277	ng	100
38) 1-Methylnaphthalene	12.503	142	117413	42.966	ng	100
40) 1,2,4,5-Tetrachloroben...	12.656	216	73031	41.783	ng	100
41) Hexachlorocyclopentadiene	12.638	237	37861	42.970	ng	100
43) 2,4,6-Trichlorophenol	12.897	196	48862	43.105	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	54103	42.793	ng	100
46) 1,1'-Biphenyl	13.302	154	163982	41.888	ng	100
47) 2-Chloronaphthalene	13.337	162	123736	41.580	ng	100
48) 2-Nitroaniline	13.543	65	46084	44.416	ng	100
49) Acenaphthylene	14.183	152	183618	41.580	ng	100
50) Dimethylphthalate	13.925	163	178451	41.869	ng	100
51) 2,6-Dinitrotoluene	14.036	165	37906	43.357	ng	100
52) Acenaphthene	14.530	154	129577	42.644	ng	100
53) 3-Nitroaniline	14.371	138	37188	42.806	ng	100
54) 2,4-Dinitrophenol	14.577	184	24250	42.506	ng	100
55) Dibenzofuran	14.865	168	213807	42.793	ng	100
56) 4-Nitrophenol	14.683	139	30338	42.249	ng	100
57) 2,4-Dinitrotoluene	14.830	165	60636	43.217	ng	100
58) Fluorene	15.511	166	177725	41.691	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	56740	43.348	ng	100
60) Diethylphthalate	15.288	149	196662	41.781	ng	100
61) 4-Chlorophenyl-phenyle...	15.505	204	94920	42.389	ng	100
62) 4-Nitroaniline	15.535	138	41940	44.572	ng	100
63) Azobenzene	15.799	77	153400	41.229	ng	100
65) 4,6-Dinitro-2-methylph...	15.593	198	43808	45.192	ng	100
66) n-Nitrosodiphenylamine	15.723	169	154593	42.528	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	66801	42.523	ng	100
68) Hexachlorobenzene	16.516	284	77772	43.286	ng	100
69) Atrazine	16.674	200	73273	42.132	ng	100
70) Pentachlorophenol	16.862	266	50397	45.316	ng	100
71) Phenanthrene	17.250	178	314033	43.011	ng	100
72) Anthracene	17.338	178	314891	42.243	ng	100
73) Carbazole	17.609	167	287911	43.177	ng	100
74) Di-n-butylphthalate	18.173	149	340455	41.741	ng	100
75) Fluoranthene	19.260	202	390562	41.880	ng	100
77) Benzidine	19.442	184	182199	45.179	ng	100
78) Pyrene	19.618	202	414731	42.150	ng	100
80) Butylbenzylphthalate	20.517	149	153205	41.506	ng	100
81) Benzo(a)anthracene	21.416	228	413011	41.183	ng	100
82) 3,3'-Dichlorobenzidine	21.340	252	144049	42.070	ng	100
83) Chrysene	21.481	228	391803	41.305	ng	100
84) Bis(2-ethylhexyl)phtha...	21.340	149	216462	40.558	ng	100
85) Di-n-octyl phthalate	22.474	149	370814	41.228	ng	100
87) Indeno(1,2,3-cd)pyrene	27.808	276	493785	41.526	ng	100
88) Benzo(b)fluoranthene	23.490	252	414302	42.448	ng	100
89) Benzo(k)fluoranthene	23.549	252	399733	41.107	ng	100
90) Benzo(a)pyrene	24.295	252	379060	42.036	ng	100
91) Dibenzo(a,h)anthracene	27.861	278	398827	41.558	ng	100
92) Benzo(g,h,i)perylene	28.860	276	388857	42.283	ng	100

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

Manual Integrations

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Abundance

TIC: BG064445.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodimethylamine,
bis(2-chloroethyl) ether
2-Fluorophenol,S
Bis(2-chloroethyl) ether
2-Chlorophenol
1,4-Dichlorobenzene,C
Benzothiazole
2,2'-Methylenebis[phenylene]
Hexachlorocyclopentadiene,n-propylamine,P
Hexachlorocyclopentadiene-d5,S
Isobutanol
2-Nitrofluorenylphenol
Benzofuran
2,6-Dibromophenol,C
Naphthalene,1-methyloxy-,C
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
Hexachlorocyclopentadiene,C
2,4,5-Trichlorophenol,C
2-Nitroaniline
2-Chloro-1-naphthol
2,6-Dialkylphthalate
Phenylacetylene
2,4-Dinitrochlorobenzene
Acenaphthene,C
Chloroauran
2,3,4-Trichlorophthalate
4-Bromo-2-methylphenylpropanediol
4-Chlorophenylpropanediol
4-Chlorophenylpropanediol,S
2,4,6-Tribromophenol,S
4-Bromochlorobenzene
Pentachlorophenol,C
Phenanthrene,d,l
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Pyrene
Butylbenzylphthalate
Chrysene,d,l
Benzo(a)anthracene
Di-n-octyl phthalate,c
Benzo(b)fluoranthene
Benzo(a)pyrene,C
Perylene-d12,l
Indeno(1,2,3-cd)perylene
Dibenz(a,h)perylene
Benzo(g,h,i)perylene