

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064418.D
 Acq On : 22 Sep 2025 16:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/23/2025

Supervised By :Jagrut Upadhyay 09/23/2025

Quant Time: Sep 22 18:23:35 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	18778	20.000	ng	-0.02
21) Naphthalene-d8	10.628	136	74720	20.000	ng	#-0.02
39) Acenaphthene-d10	14.465	164	52447	20.000	ng	-0.02
64) Phenanthrene-d10	17.208	188	127555	20.000	ng	#-0.02
76) Chrysene-d12	21.439	240	142032	20.000	ng	#-0.02
86) Perylene-d12	24.435	264	158235	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	101789	97.252	ng	-0.02
7) Phenol-d6	7.014	99	126769	88.161	ng	-0.02
23) Nitrobenzene-d5	8.994	82	129929	96.978	ng	-0.02
42) 2,4,6-Tribromophenol	15.957	330	82547	118.827	ng	-0.02
45) 2-Fluorobiphenyl	13.090	172	328997	95.747	ng	-0.02
79) Terphenyl-d14	19.829	244	685917	100.756	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	17145	39.300	ng	95
3) Pyridine	3.736	79	50943	39.670	ng	# 60
4) n-Nitrosodimethylamine	3.654	42	41586	48.959	ng	# 93
6) Aniline	7.167	93	84152	42.320	ng	97
8) 2-Chlorophenol	7.408	128	59602	46.601	ng	96
9) Benzaldehyde	6.985	77	42823	36.188	ng	95
10) Phenol	7.044	94	68784	43.388	ng	83
11) bis(2-Chloroethyl)ether	7.267	93	48836	40.994	ng	95
12) 1,3-Dichlorobenzene	7.731	146	65770	48.337	ng	96
13) 1,4-Dichlorobenzene	7.878	146	67493	49.149	ng	97
14) 1,2-Dichlorobenzene	8.190	146	64431	48.615	ng	93
15) Benzyl Alcohol	8.078	79	60378	45.501	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.360	45	75205	27.650	ng	95
17) 2-Methylphenol	8.284	107	44706	37.838	ng	96
18) Hexachloroethane	8.918	117	23632	44.087	ng	# 79
19) n-Nitroso-di-n-propyla...	8.642	70	39295	35.707	ng	# 95
20) 3+4-Methylphenols	8.613	107	58676	35.740	ng	94
22) Acetophenone	8.660	105	84392	44.644	ng	# 96
24) Nitrobenzene	9.036	77	63755	45.545	ng	98
25) Isophorone	9.559	82	115295	41.406	ng	97
26) 2-Nitrophenol	9.747	139	30748	50.835	ng	# 86
27) 2,4-Dimethylphenol	9.811	122	48312	45.494	ng	98
28) bis(2-Chloroethoxy)met...	10.040	93	59129	39.382	ng	98
29) 2,4-Dichlorophenol	10.281	162	54444	48.590	ng	96
30) 1,2,4-Trichlorobenzene	10.493	180	58557	49.565	ng	94
31) Naphthalene	10.675	128	177708	45.864	ng	99
32) Benzoic acid	9.958	122	36981	43.870	ng	97
33) 4-Chloroaniline	10.787	127	66505	44.285	ng	98
34) Hexachlorobutadiene	10.969	225	49830	57.060	ng	88
35) Caprolactam	11.556	113	18666	43.024	ng	# 81
36) 4-Chloro-3-methylphenol	11.915	107	65395	44.983	ng	95
37) 2-Methylnaphthalene	12.285	142	130403	45.278	ng	# 94
38) 1-Methylnaphthalene	12.508	142	130814	45.985	ng	99
40) 1,2,4,5-Tetrachloroben...	12.661	216	79300	52.403	ng	99
41) Hexachlorocyclopentadiene	12.637	237	41748	58.048	ng	94
43) 2,4,6-Trichlorophenol	12.902	196	49701	49.139	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	55263	50.368	ng	95
46) 1,1'-Biphenyl	13.301	154	178560	46.744	ng	98
47) 2-Chloronaphthalene	13.342	162	131220	45.692	ng	97
48) 2-Nitroaniline	13.542	65	45996	46.991	ng	97
49) Acenaphthylene	14.188	152	197566	46.539	ng	98
50) Dimethylphthalate	13.924	163	185308	46.679	ng	99
51) 2,6-Dinitrotoluene	14.042	165	37372	48.628	ng	97
52) Acenaphthene	14.535	154	135310	45.165	ng	96
53) 3-Nitroaniline	14.376	138	39246	48.751	ng	85
54) 2,4-Dinitrophenol	14.582	184	25568	52.974	ng	# 80
55) Dibenzofuran	14.864	168	222603	47.239	ng	99
56) 4-Nitrophenol	14.688	139	32149	48.684	ng	# 85
57) 2,4-Dinitrotoluene	14.829	165	61095	52.576	ng	# 98
58) Fluorene	15.516	166	186719	48.344	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.093	232	55147	52.258	ng	98
60) Diethylphthalate	15.293	149	200249	47.134	ng	98
61) 4-Chlorophenyl-phenyle...	15.510	204	96180	49.946	ng	95
62) 4-Nitroaniline	15.534	138	42744	52.034	ng	# 82
63) Azobenzene	15.804	77	163934	43.292	ng	94
65) 4,6-Dinitro-2-methylph...	15.599	198	40022	54.650	ng	90
66) n-Nitrosodiphenylamine	15.722	169	157936	45.010	ng	96
67) 4-Bromophenyl-phenylether	16.403	248	67626	49.916	ng	94
68) Hexachlorobenzene	16.521	284	75929	50.469	ng	93
69) Atrazine	16.674	200	74860	51.094	ng	99
70) Pentachlorophenol	16.862	266	50631	55.503	ng	93
71) Phenanthrene	17.250	178	310806	46.198	ng	98
72) Anthracene	17.344	178	316531	46.253	ng	98
73) Carbazole	17.608	167	286670	47.551	ng	99
74) Di-n-butylphthalate	18.172	149	357384	49.342	ng	# 98
75) Fluoranthene	19.259	202	396160	50.080	ng	96
77) Benzidine	19.441	184	132713	44.417	ng	99
78) Pyrene	19.623	202	413786	46.242	ng	99
80) Butylbenzylphthalate	20.516	149	163862	48.551	ng	95
81) Benzo(a)anthracene	21.421	228	430754	47.405	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	150350	50.806	ng	97
83) Chrysene	21.480	228	409261	46.915	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	233804	46.142	ng	98
85) Di-n-octyl phthalate	22.473	149	396402	44.898	ng	97
87) Indeno(1,2,3-cd)pyrene	27.825	276	515162	47.673	ng	# 97
88) Benzo(b)fluoranthene	23.495	252	430792m	48.238	ng	
89) Benzo(k)fluoranthene	23.554	252	416723	45.803	ng	# 98
90) Benzo(a)pyrene	24.300	252	394176	47.449	ng	98
91) Dibenzo(a,h)anthracene	27.884	278	417185	48.083	ng	# 96
92) Benzo(g,h,i)perylene	28.877	276	400824	47.477	ng	# 91

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

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